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**Public Summary: Final Amended Parcel B, Record of Decision for Hunters
Point Shipyard, San Francisco, California, January 14, 2009**

The Department of Navy (Navy) has prepared this final amended record of decision (ROD) to address remaining contamination at Parcel B at Hunters Point Shipyard in San Francisco, California. The remedial action selected in this amended ROD is necessary to protect the public health, welfare, and the environment from actual or potential releases of contaminants from the site. The selected remedial action for Parcel B addresses metals, polycyclic aromatic hydrocarbons (PAH), and pesticides in soil and shoreline sediment, volatile organic compounds (VOC) as vapors and in groundwater, several metals (chromium VI, copper, lead, and mercury) in groundwater, and radionuclides in structures (such as buildings) and in soil.

The Navy considered the following remedial alternatives for contaminants in soil: (1) no action; (2) institutional controls (IC) and maintained landscaping; (3) ICs, limited excavation, and off-site disposal; (4) ICs and covers; and (5) a combination of ICs, covers, excavation, and disposal. The Navy considered the following remedial alternatives for contaminants in groundwater: (1) no action; (2) long-term monitoring and ICs; and (3) *in situ* treatment of VOCs (and metals, if necessary) using biological compounds or zero-valent iron, monitoring, and ICs. The Navy considered the following remedial alternatives for radiologically impacted soil or structures: (1) no action; (2) surveying radiologically impacted areas that may include structures and former building sites, decontaminating (and demolishing if necessary) buildings, excavating storm drain and sanitary sewer lines and soils in impacted areas, and screening, separating, disposing of radioactive sources and contaminated excavated soil at an off-site low-level radioactive waste facility, cover and groundwater monitoring at Installation Restoration (IR) Sites 7 and 18, and ICs; and (3) the same activities as (2) plus closure in place of a deep pump shaft beneath Building 140. The amended Selected Remedy for Parcel B is Alternative S-5 (excavation, disposal, covers, and ICs) for soil; Alternative GW-3A (treatment, monitoring, and ICs) for groundwater; and Alternative R-2 (survey, decontamination, excavation, disposal, release, cover and groundwater monitoring at IR Sites 7 and 18, and ICs) for radiologically impacted structures and soil.

Information Repositories: A complete copy of the "Final Amended Record of Decision for Parcel B" dated January 14, 2009, is available to community members at:

San Francisco Main Library
100 Larkin Street
Government Information Center, 5th Floor
San Francisco, CA 94102
Phone: (415) 557-4500

Anna E. Waden Bayview Library
5075 Third Street
San Francisco, CA 94124
Phone: (415) 355-5757

The report is also available to community members on request to the Navy. For more information about environmental investigation and cleanup at Hunters Point Shipyard, contact Lara Urizar, remedial project manager for the Navy, at:

Lara Urizar
Department of the Navy
Base Realignment and Closure
Program Management Office West
1455 Frazee Road, Suite 900
San Diego, CA 92108-4310
Phone: (619) 532-0960
Fax: (619) 532-0995
E-mail: lara.urizar.ctr@navy.mil



Final

Amended Parcel B Record of Decision

**Hunters Point Shipyard
San Francisco, California**

January 14, 2009

Prepared for:

**Base Realignment and Closure
Program Management Office West
San Diego, California**

Prepared by:

**ChaduxTt, A Joint Venture of St. George Chadux Corp.
and Tetra Tech EM Inc.
1230 Columbia Street, Suite 1000
San Diego, California 92101**

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ACRONYMS AND ABBREVIATIONS

§	Section
§§	Sections
µg/L	Microgram per liter
ACHP	Advisory Council on Historic Preservation
ARAR	Applicable or relevant and appropriate requirement
ARIC	Area requiring institutional controls
BAAQMD	San Francisco Bay Area Air Quality Management District
Basin Plan	Water Quality Control Plan for the San Francisco Bay Basin
Bay Plan	San Francisco Bay Plan
BCDC	San Francisco Bay Conservation and Development Commission
BCT	Base Realignment and Closure Cleanup Team
BHC	Benzene hexachloride, also known as hexachlorocyclohexane
bgs	Below ground surface
BRAC	Base Realignment and Closure
Cal. Code Regs.	California Code of Regulations
Cal/EPA	California Environmental Protection Agency
CDPH	California Department of Public Health
CE2	CE2 Corporation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
ch.	Chapter
cm ²	Square centimeter
COC	Chemical of concern
COPC	Chemical of potential concern
CTR	California Toxics Rule
div.	Division
DNAPL	Dense nonaqueous-phase liquid
dpm	Disintegrations per minute
DTSC	Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
EPC	Exposure point concentration
ER-M	Effects range-median
ERRG	Engineering/Remediation Resources Group
ESD	Explanation of significant differences

ACRONYMS AND ABBREVIATIONS (Continued)

Fed. Reg.	Federal Register
FFA	Federal facility agreement
FOSET	Finding of suitability for early transfer
FOST	Finding of suitability for transfer
FS	Feasibility study
ft ²	Square feet
HGAL	Hunters Point groundwater ambient level
HHRA	Human health risk assessment
HI	Hazard index
HPAL	Hunters Point ambient level
HPS	Hunters Point Shipyard
HRA	Historical radiological assessment
IC	Institutional control
IR	Installation Restoration
IT Corp.	IT Corporation
ITSI	Innovative Technical Solutions, Inc.
LFR	Levine-Fricke-Recon, Inc.
LUC RD	Land use control remedial design
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MCL	Maximum contaminant level
MCLG	Maximum contaminant level goal
mg/kg	Milligram per kilogram
mg/L	Milligram per liter
MOA	Memorandum of agreement
NAVSEA	Naval Sea Systems Command
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NRC	U.S. Nuclear Regulatory Commission
NRDL	Naval Radiological Defense Laboratory
O&M	Operation and maintenance
OSWER	Office of Solid Waste and Emergency Response
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
pCi/g	Picocurie per gram
pCi/L	Picocurie per liter
POC	Point of compliance

ACRONYMS AND ABBREVIATIONS (Continued)

ppt	Part per thousand
PQL	Practical quantitation limit
PRC	PRC Environmental Management, Inc.
PRG	Preliminary remediation goal
RAB	Restoration Advisory Board
RACR	Removal action completion report
RAMP	Remedial action monitoring program
RAO	Remedial action objective
RBC	Risk-based concentration
RCRA	Resource Conservation and Recovery Act
RD	Remedial design
Res.	Resolution
RESRAD	Residual radioactive (model)
RESRAD-BUILD	Residual radioactive-building (model)
Rfd	Reference dose
RI	Remedial investigation
RMP	Risk management plan
ROD	Record of decision
RU	Remedial unit
SARA	Superfund Amendments and Reauthorization Act
SDWA	Safe Drinking Water Act
SES-TECH	SES-TECH, Inc.
SF	Slope factor
SFRA	San Francisco Redevelopment Agency
Shaw	Shaw Environmental Inc.
SHPO	State Historic Preservation Office
SI	Site inspection
SLERA	Screening-level ecological risk assessment
SVE	Soil vapor extraction
SVOC	Semivolatile organic compound
SWRCB	State Water Resources Control Board
TBC	To be considered
TCRA	Time-critical removal action
TDS	Total dissolved solids
Tetra Tech	Tetra Tech EM Inc.
TPH	Total petroleum hydrocarbons
tit.	Title
TMSRA	Technical memorandum in support of a record of decision amendment
TtEC	Tetra Tech EC, Inc.

ACRONYMS AND ABBREVIATIONS (Continued)

URS	URS Corporation
USACE	U.S. Army Corps of Engineers
U.S.C.	United States Code
VOC	Volatile organic compound
Water Board	San Francisco Bay Regional Water Quality Control Board
WQO	Water quality objective
ZVI	Zero-valent iron

DECLARATION STATEMENT FOR PARCEL B

SITE NAME AND LOCATION

This amended Record of Decision (ROD) addresses Parcel B at Hunters Point Shipyard in San Francisco, California. The U.S. Environmental Protection Agency (EPA) Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Information System identification (ID) number is CA1170090087.

STATEMENT OF BASIS AND PURPOSE

This amended ROD presents the amended selected remedy to remediate soil, groundwater, and structures at Parcel B. The document was developed and the amended remedy was selected in accordance with CERCLA of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986 (Title 42 *United States Code* Section 9601, et seq.) and, to the extent practicable, the National Oil and Hazardous Substances Pollution Contingency Plan (Title 40 *Code of Federal Regulations* Part 300). This decision is supported by information contained in the administrative record file (see [Attachment A](#)). The Department of the Navy, EPA, the California Environmental Protection Agency Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board) concur on the amended selected remedy for Parcel B.

ASSESSMENT OF THE SITE

The amended selected remedy in this amended ROD is necessary to protect the public health and welfare and the environment from actual or threatened releases of pollutants, chemicals, or hazardous substances from soil, groundwater, and structures at Parcel B. The amended selected remedy was based on the following:

- Site histories
- Field investigations
- Laboratory analytical results
- Evaluation of potential human health and ecological risks
- Current and reasonably anticipated future land use
- 1997 Parcel B ROD

Results of the previous investigations indicated Parcel B poses a potential risk to human health and the environment based on current and reasonably anticipated future land and groundwater uses. The human health risk assessment (HHRA) identified the following chemicals (listed by medium) as posing risk to human health:

- Soil: Metals, volatile organic compounds (VOC), semivolatile organic compounds (SVOC), pesticides, polychlorinated biphenyls (PCB), and radionuclides
- Groundwater: VOCs and SVOCs
- Structures: Radionuclides

The screening-level ecological risk assessment (SLERA) identified the following chemicals in sediment as posing risk to ecological receptors along the shoreline of Parcel B: metals, SVOCs, pesticides, and PCBs.

The SLERA identified a potential risk to saltwater aquatic organisms from concentrations of chromium VI, copper, lead, and mercury in groundwater at Parcel B that could discharge into San Francisco Bay. The SLERA did not identify other ecological risks because, other than the shoreline, Parcel B supports only limited habitat, the presence of terrestrial receptors is limited, and future land uses would not create additional ecological habitat.

DESCRIPTION OF THE AMENDED SELECTED REMEDY

The Navy has prepared this amended ROD for Parcel B because the Navy has concluded that the remedy selected in the 1997 ROD needs to be amended to be protective of human health and the environment in the long term and that the proposed amendments to the remedy will fundamentally alter its basic features. The original remedy for soil involved excavation and off-site disposal; however, this strategy was unable to achieve cleanup goals across Parcel B. The widespread distribution of metals, especially arsenic and manganese, in soil was the primary obstacle to this strategy. The amended remedy incorporates covers for the remaining soil containing hazardous substances to prevent exposure. Likewise, groundwater contamination has been found to be more widespread and at higher concentrations than was known when the original remedy for groundwater was selected. The original remedy relied on monitoring; the amended remedy includes active treatment for groundwater. Finally, the original remedy did not address radiological contaminants, and the amended remedy incorporates actions to address radioactive chemicals found in soil and structures at Parcel B.

This amended ROD selects further action for soil, groundwater, and structures at Parcel B. The amended selected remedy includes the following components:

- Alternative S-5
 - Excavate soil in select areas where concentrations of chemicals of concern (COC) exceed remediation goals. Transport the excavated contaminated soil and materials off site to an appropriate disposal facility. Backfill excavated areas with clean fill material.
 - Install durable covers over the entire parcel to prevent contact with any COCs that are not excavated. Covers would be maintained to laterally contain the soil at the shoreline.
 - Install a revetment along the shoreline of Redevelopment Blocks BOS-1 (at Installation Restoration [IR] Site 7) and BOS-3 (at IR-26).

- Install a soil vapor extraction (SVE) system at IR-10 to remove VOCs from soil.
- Apply institutional controls for VOCs across most of Parcel B, as described in [Section 12.2.1.5](#). A soil gas survey may be conducted in the future. The results of the survey would be used for the following purposes:
 - to evaluate potential vapor intrusion risks,
 - to identify COCs for which risk-based numeric action levels for VOCs in soil gas would be established (based on a cumulative risk of 10^{-6}),
 - to identify where the initial areas requiring institutional controls (ARIC) for VOCs would be retained and where they would be released, and
 - to evaluate the need for additional remedial action in order to remove ARICs.
- Monitoring for methane that will follow removal of the methane source would be used to evaluate whether contingencies such as additional engineering controls (for example, methane venting or vapor barriers) or additional institutional controls (IC) would be necessary.
- Implement ICs, including controls to maintain the integrity of the covers (as well as where the covers meet the shoreline). Legal instruments known as restrictive covenants in Quitclaim Deed(s) between the Navy and the property recipient and in “Covenant(s) to Restrict Use of Property” among DTSC, the California Department of Public Health (CDPH), and the Navy will be implemented to establish land use restrictions to limit exposure to contaminated soil and groundwater. Activity restrictions will be addressed in a risk management plan(s) (RMP) that may be prepared by the City and County of San Francisco and reviewed and approved by the federal facility agreement (FFA) signatories and/or a Land Use Control remedial design (LUC RD) report that will be reviewed and approved by the FFA signatories. The RMP(s) and/or the LUC RD will specify soil and groundwater management procedures for implementation of the ICs including management procedures to allow certain activities that would otherwise be restricted or prohibited to be conducted without further approvals from the FFA signatories and CDPH, where applicable. [Section 12.2.1.5](#) contains more details on ICs.
- Alternative GW-3A
 - Treat groundwater by injecting a biological amendment in the plume near IR-10 (Redevelopment Blocks 8 and 9) to break down VOCs where concentrations exceed remediation goals.
 - Treat groundwater, if necessary, by injecting an organo-sulfur compound to immobilize metal COCs (chromium VI, copper, lead, and mercury). The need to treat these metals will be based on further analysis of groundwater data against trigger levels; this analysis will occur during the remedial design (RD).
 - Implement a groundwater monitoring program to verify treatment effectiveness during and after treatment. The monitoring program will be flexible to allow modifications as data are collected.
 - Implement ICs (see [Section 12.2.1.5](#)).

- Alternative R-2
 - Decontaminate radiologically impacted structures and dismantle them if necessary. Excavate radiologically impacted storm drain and sanitary sewer lines and other areas, as necessary, throughout Parcel B. Survey buildings and former building sites. Screen removed materials and transport contaminated material off site to an appropriate disposal facility.
 - Conduct a surface scan for radiological materials over all of IR-07 and IR-18. Remove all radiological anomalies exceeding radiological remediation goals for residential soil (see [Table 8-4](#)) to a depth of 1 foot (the maximum effective depth of the surface scan). Add a 1-foot-thick layer of clean soil above the surveyed surface over the portion of IR-07 and IR-18 that is radiologically impacted (see [Figure 5-2](#)). Install a demarcation layer on the new soil surface in the portion of IR-07 and IR-18 that is radiologically impacted. Install a new 2-foot-thick soil cover over all of IR-07 and IR-18. Transport radioactive anomalies and contaminated soil off site to an appropriate low-level radioactive waste facility.
 - Monitor groundwater at IR-07 and IR-18 for radionuclides of concern.
 - Obtain unrestricted closure based on protocols in the Base-wide Radiological Work Plan - Revision 2 ([Tetra Tech EC, Inc. 2008b](#)) (termed “free release”) for all radiologically impacted areas and structures in Parcel B except for the radiologically impacted portion of IR-07 and IR-18 (see [Figure 5-2](#)). ICs for radionuclides would be necessary only for the radiologically impacted portion of IR-07 and IR-18.
 - Implement ICs (see [Section 12.2.1.5](#)).

The Navy decided to address some of the newly identified sources (that is, methane and mercury sources and radiologically impacted storm drains, sanitary sewers, and former building sites) using time-critical removal actions (TCRA). Although the TCRAs may not be completed by the time the amended ROD is signed, the TCRAs are intended to achieve cleanup goals that are identical to the RAOs identified in this ROD. In the event that the TCRAs do not achieve their cleanup goals, cleanup will continue in accordance with the remedial action selected in this ROD until the RAOs are achieved.

STATUTORY DETERMINATIONS

The amended selected remedies for soil, groundwater, and structures at Parcel B are protective of human health and the environment, comply with federal and state requirements that are legally applicable or relevant and appropriate to the remedial action, are cost-effective, and use permanent solutions and alternative treatment or resource recovery technologies to the maximum extent practicable. The SVE component (coupled with on- or off-site treatment) of the amended selected remedy for soil satisfies the statutory preference for treatment as a principal element of the remedy; SVE will reduce the toxicity, mobility, or volume of pollutants, chemicals, or hazardous substances as a principal element. However, other components of the remedy for soil (limited excavation and covers) and sediment (revetment) do not satisfy the statutory preference for remedies that employ treatment to reduce the toxicity, mobility, or volume of hazardous substances, pollutants, or contaminants as a principal element. Treatment is not practical to

address contaminants in soil or sediment because the contaminants are too widespread and effective treatment technologies are not available for some of the contaminants (especially metals and radionuclides). The amended selected remedy for groundwater (in situ treatment) satisfies the statutory preference for treatment as a principal element of the remedy; the remedy will reduce the toxicity, mobility, or volume of pollutants, chemicals, or hazardous substances as a principal element.

A statutory review pursuant to CERCLA Section 121 and the National Oil and Hazardous Substances Pollution Contingency Plan will be conducted within 5 years after the remedial action is initiated to ensure that the remedy is, or will be, protective of human health and the environment. This review is needed because the amended remedy will result in hazardous substances, pollutants, or contaminants remaining on site above levels that allow for unlimited use and unrestricted exposure. Statutory 5-year reviews for remedial actions at Hunters Point Shipyard, including Parcel B, are based on the original remedial actions started in 1998. The first 5-year review was completed in 2003; the second 5-year review was completed in 2008. The next 5-year review is scheduled for 2013.

DATA CERTIFICATION CHECKLIST

Checklist Item	Description
Chemicals of potential concern (COPC) and their concentrations	COPCs were characterized throughout Parcel B based on data from previous investigations. A description of these investigations is provided in Section 2.2.2 of this amended ROD. A description of the nature and extent of contamination at Parcel B is presented in Section 5.5 of this amended ROD.
Risk assessments representative of the COPCs	A human health risk assessment (HHRA) and screening-level ecological risk assessment (SLERA) were conducted using data representative of current conditions at Parcel B. Results of these risk assessments are presented in Section 7.0 of this amended ROD.
Remediation goals established for the chemicals of concern (COC) and the basis for these goals	<p>The amended selected remedies for soil, groundwater, and structures at Parcel B are designed to protect human health and the environment. Remediation goals were selected, by chemical, based on a comparison of (1) the concentration calculated in the risk assessment corresponding to a cancer risk of 10^{-6} or a noncancer hazard index of 1, (2) the laboratory practical quantitation limit (PQL), and (3) for metals only, the ambient level at Hunters Point Shipyard (called the HPAL for soil and the HGAL for groundwater). The highest of the three values was selected as the remediation goal for each chemical. For groundwater, if a legal requirement (see the discussion of applicable or relevant and appropriate requirements [ARAR] later) applied to the chemical, that value was selected; otherwise, the same comparison was made.</p> <p>The remediation goals for radionuclides in soil were derived from EPA preliminary remediation goals and other sources identified in Table 8-4. These goals were reviewed and approved by the FFA signatories and CDPH in the Final Action Memorandum for the Base-wide Radiological Removal Action (Navy 2006) and the Final Radiological Addendum to the Technical Memorandum in Support of a ROD Amendment (TtEC 2008). The remediation goals for radionuclides for building and equipment surfaces were based on Atomic Energy Commission Regulatory Guide 1.86 to meet the 25 millirem per year dose limits of the Nuclear Regulatory Commission. The remediation goals for radionuclides in water were derived from <i>Radionuclides Notice of Data Availability Technical Document</i> (EPA 2000) by comparing the limits from two criteria and using the most conservative limit. Modeling for risk and dose to release each radiologically impacted site will be based on the results of the final status surveys.</p> <p>Action levels for VOCs in soil gas may be established using data from a soil gas survey conducted in the future. The action levels for soil gas would correspond to a cancer risk of 10^{-6}.</p> <p>The remediation goals are presented in Section 8.0 of this amended ROD.</p>
How source materials constituting principal threats are addressed	Former buildings and surrounding areas were investigated and evaluated as potential sources. Results of previous investigations have not identified any significant soil or groundwater contamination or suggested the presence of a continuing source of CERCLA chemicals that would constitute a principal threat waste. The nature and extent of remaining contamination at Parcel B is discussed in Section 5.5 of this amended ROD.

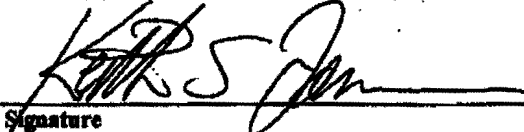
DATA CERTIFICATION CHECKLIST (CONTINUED)

Checklist Item	Description
Current and reasonably anticipated future land-use assumptions and current and potential beneficial uses of groundwater used in the HHRA and ROD	Small portions of Parcel B are currently used for commercial purposes. Risks were evaluated based on planned reuses including: residential, industrial, recreational, and construction workers (commercial reuses are included in industrial and residential reuses). Planned reuses for Parcel B are described by the San Francisco Redevelopment Agency in the 1997 "Hunters Point Shipyard Redevelopment Plan." Current and reasonably anticipated future land use and beneficial groundwater use assumptions used in the HHRA are discussed in Section 7.1 of this amended ROD.
Potential land and groundwater use that will be available at the sites as a result of the selected remedies for soil and groundwater	Planned reuses at Parcel B include: research and development, mixed uses, educational and cultural, and open space. The remedies for Parcel B will support these long-term uses. Although the amended selected remedies will reduce the land use restrictions that are necessary to protect human health and the environment, future land and groundwater use at Parcel B is envisioned to always be subject to some ICs. Future land use controls will apply restrictions to redevelopment blocks located at IR-07 and IR-18 that will prohibit some of the reuses identified in the 1997 redevelopment plan. Reuse areas and redevelopment blocks may change in the future.
Estimated capital, annual operation and maintenance, and total present worth costs, discount rate, and the number of years over which the remedy cost estimates are projected	Estimated capital and operation and maintenance costs are presented in Section 12.3 .
Key factors that led to selecting the remedies	<p>The key factors for selecting the amended remedy for soil, sediment, and structures at Parcel B were (1) the remedy provides the best long-term effectiveness by permanently removing the greatest volume of contamination (by excavation) and preventing exposure to the remaining contamination (by covers); (2) the remedy includes the largest amount of treatment to destroy contaminants (using SVE for collection and on- or off-site methods to destroy them); and (3) the remedy contains the most active remediation components and involves the least reliance on ICs to prevent exposure.</p> <p>The key factors for selecting the amended remedy for groundwater at Parcel B were (1) the remedy reduces the toxicity, mobility, and volume of VOCs by implementing an expedient and aggressive active treatment strategy; (2) the remedy provides long-term protection by reducing concentrations of VOCs and their associated risk; and (3) the remedy is the most cost effective of the active treatment options.</p> <p>Section 12.0 of this amended ROD describes the selected remedy for Parcel B. Section 13.0 describes the statutory determinations that were made regarding the amended selected remedies. Section 14.0 documents that the Navy has reviewed all written and oral comments submitted during the public comment period. The Navy has determined that a change to the selected remedy for radionuclides is necessary based on new information related to Building 140 that was obtained after the proposed plan was submitted.</p>

AUTHORIZING SIGNATURES

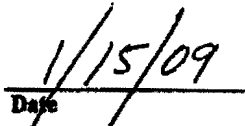
This signature sheet documents the Navy's and EPA's co-selection of the amended remedy in this amended ROD. This signature sheet also documents the State of California's (DTSC and Water Board) concurrence with this amended ROD. The parties may sign this sheet in counterparts.

AUTHORIZING SIGNATURES

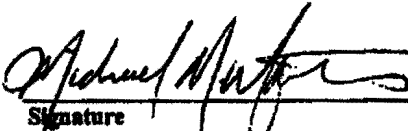


Signature

Mr. Keith S. Forman
BRAC Environmental Coordinator
BRAC Program Management Office West
Department of the Navy

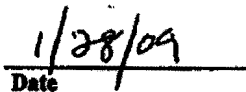


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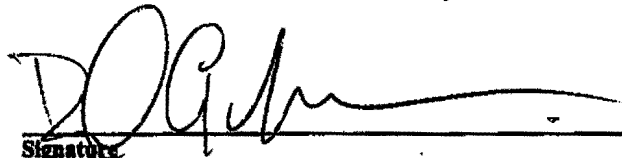


Signature

Mr. Michael M. Montgomery
Assistant Director of Federal Facilities and
Site Cleanup Branch, Region 9
U.S. Environmental Protection Agency

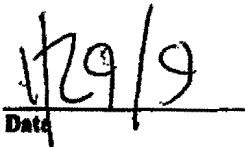


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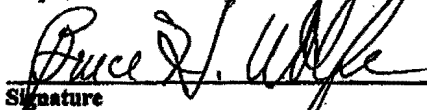


Signature

Mr. Daniel E. Murphy, P.E.
Supervising Engineer
Brownfields and Environmental Restoration Program
Department of Toxic Substances Control

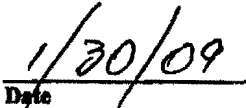


Date



Signature

Mr. Bruce H. Wolfe
Executive Officer
California Environmental Protection Agency
San Francisco Bay Regional Water Quality Control Board



Date

1.0 INTRODUCTION

This Record of Decision (ROD) Amendment presents the amended selected remedies for Parcel B at Hunters Point Shipyard (HPS) in San Francisco, California. The document was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) (Title [Tit.] 42 *United States Code* [U.S.C.] Section [§] 9601 et seq.) and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (Tit. 40 *Code of Federal Regulations* [CFR] § 300). The decision for Parcel B is based on the information contained in the administrative record. The administrative record index for Parcel B is found in [Attachment A](#).

The following sections describe the site name and location, summarize the original ROD that was signed in October 1997, describe the need to revise the original remedy for Parcel B, and outline the organization of this amended ROD.

1.1 SITE NAME, LOCATION, AND DESCRIPTION

This amended ROD addresses Parcel B at HPS in San Francisco, California (see [Figure 1-1](#)). Hunters Point Shipyard includes about 866 acres (420 acres on land and 446 acres under water in San Francisco Bay). Parcel B includes 59 acres on the north side of HPS (see [Figure 1-2](#)). The U.S. Environmental Protection Agency (EPA) CERCLA Information System identification number is CA1170090087.

The Navy used HPS starting around 1939 for shipbuilding, repair, and maintenance. Most of Parcel B was formerly part of the industrial support area and was used for shipping, ship repair, training, barracks, and offices. Environmental activities at Parcel B have been conducted under the Navy's Installation Restoration (IR) Program in accordance with CERCLA and the NCP. HPS property was placed on the National Priorities List in 1989 as a Superfund site, pursuant to CERCLA as amended by SARA, because past shipyard operations left hazardous substances on site. In 1991, HPS was designated for closure under the Defense Base Closure and Realignment Act of 1990. [Section 2.1](#) contains more details on the history of HPS and Parcel B.

According to the City and County of San Francisco's redevelopment plan (San Francisco Redevelopment Agency [[SFRA](#)] 1997), Parcel B will be zoned for the following reuses: research and development, mixed uses, educational and cultural, and open space. The table below lists the IR sites and planned reuses for Parcel B. [Figure 1-3](#) illustrates the IR sites and redevelopment blocks at Parcel B. (Note that future land use controls will apply restrictions to redevelopment blocks located at IR-07 and IR-18 that will prohibit some of the reuses identified in the 1997 redevelopment plan [see [Section 12.2.1.5](#)]. Reuse areas and redevelopment blocks may change in the future.)

Redevelopment Block	IR Site	Planned Reuse
1	Part of 18	Mixed Use
2	Parts of 07 and 18	Research and Development
3	07	Research and Development
4	Part of 62	Mixed Use
5	Parts of 62 and 23	Research and Development
6	61 and part of 23	Research and Development
7	42 and SI-31	Mixed Use
8	10	Mixed Use
9	Part of 24	Mixed Use
12	20 and part of 24	Mixed Use
15	Part of 26	Mixed Use
16	Part of 26	Educational/Cultural
BOS-1	Parts of 07 and 18	Open Space
BOS-2	60 and part of 24	Open Space
BOS-3	Part of 26	Open Space

1.2 OCTOBER 1997 ROD

The Navy and the regulatory agencies signed the ROD for Parcel B, dated October 7, 1997, on October 9, 1997 ([Navy 1997](#)). The ROD addressed both soil and groundwater contaminated by CERCLA hazardous substances at Parcel B.

The Navy selected excavation and off-site disposal as the remedy for contaminated soil at Parcel B. The major components of the soil portion of the remedy, as described in the ROD, included:

- Excavation of contaminated soil to the groundwater table or 10^{-6} cancer risk (residential) (later modified by an explanation of significant differences [ESD]; see [Section 2.2.5](#) for additional details).
- Off-site disposal of contaminated soil (with treatment at the off-site landfill, if necessary to meet land disposal restrictions).
- Placement of clean backfill in the excavated areas.
- Deed notification indicating that soil below the groundwater table in remediated areas may be contaminated.
- Institutional controls (IC) governing the handling of residual contaminated soil.

Two subsequent changes were made to the soil portion of the selected remedy in the October 1997 ROD for Parcel B. These changes are described in the ESDs dated August 24, 1998, and May 4, 2000; [Section 2.2.5](#) discusses the ESDs.

The Navy selected groundwater monitoring, lining storm drains, and removing steam and fuel lines as primary components of the selected remedy. The major components of the groundwater portion of the remedy, as described in the ROD, included:

- Lining the storm drains and pressure grouting the bedding material in the storm drains at IR-07 and IR-10 in those locations where the storm drain system is below the groundwater table in an affected groundwater area.
- Removal of steam and fuel lines.
- Deed restrictions on Parcel B, such as prohibiting all uses of groundwater within the shallow water-bearing zones to 90 feet below ground surface (bgs).
- Groundwater monitoring for up to 30 years to evaluate the effectiveness of the removal actions for soil and to monitor concentrations of hazardous substances that may migrate toward San Francisco Bay. Groundwater monitoring at IR-10 to monitor for the future potential degradation of trichloroethene to vinyl chloride.
- Deed notification indicating that contamination may be present in groundwater in the remediated areas and that surface discharge of contaminated groundwater is prohibited.

1.3 NEED FOR REEVALUATION OF ORIGINAL REMEDY

Updated information about Parcel B became available after the original 1997 ROD was signed from three major sources: (1) the original remedial action for soil conducted in 1998 through 2001, (2) groundwater monitoring from 1999 to the present, and (3) a historical radiological assessment (HRA) of HPS and subsequent removal actions to address radiological contaminants. Updated information includes items such as:

- The ubiquitous nature of metals in soil across Parcel B
- The presence of methane and mercury contaminant sources
- The findings of a screening-level ecological risk assessment (SLERA) for shoreline areas
- Changes in concentrations and toxicity criteria for volatile organic compounds (VOC) found in groundwater
- Findings from the HRA related to radiological contaminants

The first 5-year review ([Tetra Tech 2003e](#)) concluded that the remedy selected in the original ROD ([Navy 1997](#)) needed to be modified to be protective in the long term. The HPS Base Realignment and Closure (BRAC) Cleanup Team (BCT) therefore extended the schedule of CERCLA activities (contained in the federal facility agreement [FFA]) to evaluate modifications to the Parcel B remedy and to support preparation of a Technical Memorandum in Support of a ROD Amendment (TMSRA) ([ChaduxTt 2007](#)) and the

amended ROD itself. [Table 1-1](#) summarizes the activities conducted in the CERCLA process at Parcel B.

The Navy has prepared this amended ROD for Parcel B because the Navy has concluded that the proposed changes to the selected remedy based on the evaluations in the TMSRA will “fundamentally alter the basic features of the selected remedy with respect to scope, performance, or cost,” as described in the NCP at 40 CFR § 300.435(c)(2)(ii). For example, the consideration of parcel-wide covers to address soil contamination instead of excavation represents a fundamental change in the scope of the remedy for soil. Likewise, addition of active groundwater treatment methodologies to the remedy is a fundamental change in the scope of the remedy for groundwater. The updated information mentioned above and the more comprehensive understanding of groundwater, together with the planned land use, indicate the need to revise the conceptual site model, evaluate additional remedial actions, and amend the ROD.

The following sections describe the rationale for reevaluating the original remedy based on the updated information gained at the site (also see [Section 5.0](#) for a discussion of site characteristics). The TMSRA ([ChaduxTt 2007](#)) presents a more detailed discussion of the need to reevaluate the original remedy, including a comparison of the original remedy to other remedial alternatives developed to address the updated site information.

1.3.1 Soil

The discrete release of chemicals, referred to as the “spill model,” was the basis for the remedial action selected in the 1997 ROD. Under this conceptual model, high chemical concentrations occur near the center of the release and concentrations decrease outward. The delineation process used in the remedial action followed this model: successive “step-out” samples were collected from release areas identified by the remedial investigation to define the extent of the release outward until all samples contained concentrations that were less than the ROD cleanup goals. The spill model for chemical releases was appropriate for many areas at Parcel B. The Navy successfully delineated and removed all contaminants at concentrations above cleanup goals at 93 of 106 excavations implemented for the remedial action. The ubiquitous distribution of metals in soil, especially manganese, led to reevaluation of the remedy at the remaining 13 excavations at Parcel B, however.

The significant additional information gained from sampling and excavation during the remedial action indicated that the spill model did not account for all areas where chemical concentrations exceeded cleanup goals. As a result, the Navy recognized that the spill model needed to be supplemented to account for these other areas. A group of metals, especially arsenic and manganese, consistently exceeded cleanup goals at locations across Parcel B. The widespread distribution of this group of metals in soil at Parcel B (that is, their ubiquitous nature) is related to their occurrence in the local bedrock that was quarried for fill during the expansion of HPS in the 1940s. These metals occur naturally in the Franciscan Formation bedrock (especially in the serpentinite, chert, and basalt rock types) and were distributed throughout all parcels, including Parcel B, as HPS was built. Although it is possible that some releases of these metals could have occurred from Navy activities, the range of concentrations of these metals at Parcel B is consistent with the range of concentrations in local bedrock. The

resulting distribution of metals concentrations in soil is nearly random across the parcel, and the spill model for release does not apply. However, the concentrations of metals in the bedrock fill sometimes exceed the original ROD cleanup goals, and these metals concentrations are the primary reason that the “step-out” delineation process was not successful everywhere on Parcel B. Application of the spill conceptual model to the ubiquitous metals would result in excavation of most of the bedrock fill at Parcel B to a depth of 10 feet bgs, which is the depth required by the original ROD. Therefore, the Navy recognized the need to supplement the conceptual model to account for the ubiquitous distribution of metals in soil. Amended remedial alternatives in this amended ROD address ubiquitous metals using options such as containment beneath covers and institutional controls.

The term “ubiquitous” refers to metals that are naturally occurring or are in the same concentration ranges as naturally occurring metals in the source material (including material from the same geologic formations in the San Francisco area) used for filling operations at HPS. The Navy acknowledges that industrial sources of metals exist at HPS and that there is a potential that some concentrations of metals could have sources other than naturally occurring materials. The Navy has worked to remove these sources during the response actions taken to date. The Navy further acknowledges that the regulatory agencies do not agree with the Navy’s position that ubiquitous metals are naturally occurring. Amended remedial alternatives included in this amended ROD address these concentrations of metals, regardless of their source.

In addition to identifying the ubiquitous nature of several metals in the bedrock fill, sampling and excavation during the remedial action found that the areas at IR-07 and IR-18 contained fill with a high proportion of demolition debris. The highly nonuniform distribution of chemicals within the debris fill also did not conform to the spill model and, consequently, excavations at IR-07 and IR-18 often greatly exceeded the originally planned extent of the removals. Furthermore, methane was detected in soil gas at a small area of the debris fill at IR-07. In addition, radiological contamination has been identified at some locations of Parcel B that was not known when the original ROD was prepared. The debris fill, methane, and radiological contamination created additional needs to update the conceptual site model, and additional remediation alternatives were prepared to address this new understanding of site conditions.

Comparison of the remedial action envisioned in the original ROD to the actions completed to date illustrates the large difference between the planned and actual site conditions at Parcel B. The estimate in the original ROD for the remedial action included removal of 38,000 cubic yards of soil over a period of 3 to 6 months at a cost of \$11.2 million. The remedial action at Parcel B removed more than 100,000 cubic yards of soil over a period of 31 months at a cost of more than \$40 million. (The 31 months when excavation occurred extended from July 1998 to December 2001.) [Figure 1-4](#) compares the excavation areas estimated in the ROD with the actual remedial action excavations.

The updated site information and results from the remedial actions undertaken at Parcel B indicate the need to reevaluate the remedy selected in the original ROD. The remedy selected in the original ROD would not be protective of human health and the environment based on the updated information about the site. The following is a summary of the reevaluation of the

original remedy against the two threshold and five balancing remedy selection criteria listed in the NCP at 40 CFR 300.430(e)(9)(iii). Section 6.0 of the TMSRA presents a more detailed discussion, including a comparison of the original remedy to other alternatives developed to address the updated site information. In the discussions below, the five balancing criteria are rated on a ranking scale using the following categories that were established in the TMSRA, listed from least to most highly rated: not acceptable, poor, good, very good, and excellent.

Original Soil Remedy

Protectiveness – the original ROD alternative did not consider excavation below 10 feet bgs, and it is likely that deeper excavation would be necessary to remove the sources of methane at IR-07 and mercury at IR-26. The original ROD alternative also did not account for potential radiological contamination. Therefore, the rating for the original ROD alternative for overall protection of human health and the environment would be not protective based on the methane and mercury sources that remain in place and the potential radiological contamination.

Compliance with applicable or relevant and appropriate requirements (ARAR) – the original remedy would not meet the ARARs identified in this amended ROD.

Long-term effectiveness – the original remedy would rank as poor based on the methane and mercury sources that remain in place.

Reduction of toxicity, mobility, and volume through treatment – excavation does not involve treatment; the original remedy ranks poor and would continue to rank as poor based on updated information about the site.

Short-term effectiveness – the original remedy would rank poor on this criterion based on the much longer time needed for implementation (more than 31 months to date versus 3 to 6 months) and the subsequent much longer exposure to workers and the community. The original remedy would not achieve the remedial action objectives unless much of the bedrock fill and the debris fill area were removed, resulting in more exposure to workers and the community.

Implementability – the original remedy would rank as poor based on the large-scale operation to remove bedrock fill and the debris fill area.

Cost – the original remedy would rank as poor based on the significantly higher (more than 3.5 times) cost required (more than \$40 million to date versus \$11.2 million). Total cost for full implementation would likely total more than \$100 million.

Overall, the reevaluation of the original remedy would result in a determination of “not protective” based on lack of adequate protectiveness.

In summary, the excavation and off-site disposal remedy for soil, as described in the original ROD, would not be protective in the long term. Knowledge that the Navy has gained during the remedial action established the need to (1) supplement the conceptual

model to include the random distribution of ubiquitous metals in soil, account for methane, mercury, radiological contamination, and the debris fill area at IR-07 and IR-18, (2) evaluate additional remedial actions for soil at Parcel B, and (3) amend the ROD. The amended ROD modifies the remedy for soil to support additional remedial actions that will address remaining risks.

1.3.2 Groundwater

The remedy selected in the original ROD for groundwater included lining storm drains, removing steam and fuel lines, restricting use of groundwater, and groundwater monitoring. However, the remedy selected for groundwater in the original ROD should be amended based on (1) the large amount of new information available from the more than 7 years of groundwater monitoring data gathered at Parcel B, including the detection of chromium VI and mercury in groundwater, and (2) changes in the toxicity estimates and exposure assumptions for VOCs since the ROD was prepared. Concentrations of VOCs in the area of IR-10 were found to be an order of magnitude higher than was known when the ROD was prepared. VOCs are now considered more toxic via the inhalation pathway than they were when the ROD was prepared. Consequently, intrusion of VOC vapors into buildings is a more significant human health risk. In particular, the groundwater remedy in the original ROD did not identify the VOC plume at IR-10 as requiring remediation. However, this plume may pose a much greater risk than was estimated in the original ROD. The original ROD did not contain any active remediation options to address the cleanup of VOCs in groundwater.

The Navy has investigated the area of IR-10 in considerable detail since the original ROD was prepared. The Navy installed more than 25 new groundwater monitoring wells in the area of IR-10 and conducted treatability studies to investigate methods to clean up the soil and groundwater. Treatability studies using soil vapor extraction (SVE) to remove VOCs from the unsaturated zone and injection of zero-valent iron (ZVI) to destroy VOCs in groundwater were successfully implemented at the IR-10 VOC plume. The TMSRA considered these and other remediation options to address the potential inhalation risks posed by VOCs that remain in soil and groundwater at IR-10.

Similar to the discussion above for soil, the updated site information and results from the remedial actions completed at Parcel B indicated the need to reassess remediation alternatives selected in the 1997 ROD. The original remedy would not be protective of human health and the environment based on the updated information about the site and on the revisions to human health toxicity criteria and exposure assumptions. The following is a summary of the reevaluation of the original remedy against the two threshold and five balancing criteria. Section 6.0 of the TMSRA presents a more detailed discussion, including a comparison of the original remedy to other alternatives developed to address the updated site information.

Original Groundwater Remedy

Protectiveness – the original remedy would not be considered protective because the VOCs in groundwater pose an unacceptable risk for potential vapor intrusion into buildings. The original remedy did not include institutional controls to limit access to buildings located above groundwater that contains VOCs.

Compliance with ARARs – the original remedy would meet the ARARs identified in this amended ROD.

Long-term effectiveness – the original remedy would rank as poor based on the magnitude of remaining potential risks posed by VOCs.

Reduction of toxicity, mobility, and volume through treatment – the original remedy did not contain any treatment component and, therefore, would rank as poor for this criterion.

Short-term effectiveness – the original remedy included only groundwater monitoring and would rank as excellent based on the minimal and controllable exposure to workers during monitoring.

Implementability – the original remedy would rank as excellent based on the routine nature of groundwater monitoring.

Cost – the original remedy would rank as poor based on the higher cost required (about \$8 million to date versus the ROD estimate of \$3.6 million); groundwater monitoring costs would continue to be incurred into the future. Total cost for full implementation would likely total more than \$10 million.

Overall, the reevaluation of the original remedy would result in a determination of “not protective” based on lack of adequate protectiveness.

In summary, the remedy for groundwater selected in the original ROD needs to be expanded to account for the increased potential risk from VOCs in groundwater and to provide remediation alternatives to address this risk. The amended ROD incorporates modifications to the remedy for groundwater soil to support additional remedial actions that will address remaining risks.

1.3.3 Shoreline

Potential ecological risk to aquatic receptors along the shoreline of Parcel B was not evaluated in the original ROD. The TMSRA included a SLERA to evaluate risks to aquatic receptors, and the TMSRA evaluated remediation alternatives to address these risks. The SLERA concluded that a variety of organic and inorganic chemicals in sediment along the shoreline and mercury in groundwater at IR-26 pose a potential unacceptable risk to aquatic receptors. The ROD needs to be amended to address potential ecological risks.

1.3.4 Radiological

Radiological contamination was not addressed by the original ROD; however, radiological contamination is present at Parcel B. The ROD needs to be amended to memorialize the methods and cleanup goals for radiological contaminants that are being addressed by the basewide radiological removal action. The radiological addendum to the TMSRA evaluated remediation alternatives for the radiological contamination (Tetra Tech EC, Inc. [\[TTEC 2008a\]](#)).

1.4 DOCUMENT ORGANIZATION

This amended ROD is organized into 15 sections. After this introduction, this amended ROD includes the following sections:

- **Section 2.0, Site History and Enforcement Activities.** This section provides information on the history of Parcel B since the 1997 ROD was signed including: boundary changes, investigations, removal and remedial actions, and regulatory actions.
- **Section 3.0, Community Participation.** This section discusses the community participation activities for Parcel B since the 1997 ROD and summarizes activities conducted related to the original 1997 ROD.
- **Section 4.0, Scope and Role of the Response Action.** This section describes how the amended ROD for Parcel B relates to the response actions at the other parcels at HPS.
- **Section 5.0, Site Characteristics.** This section summarizes information on the physical features, ecology, geology, hydrogeology, and the nature and extent of contamination in soil and groundwater at Parcel B, with a focus on new information gained since the 1997 ROD was signed.
- **Section 6.0, Current and Potential Future Site and Resource Uses.** This section discusses (1) current and reasonably anticipated future land uses, and (2) current and potential groundwater and surface water uses.
- **Section 7.0, Summary of Site Risks.** This section summarizes the revised HHRA and the SLERA conducted at Parcel B to evaluate potential risks to human health and the environment.
- **Section 8.0, Amended Remedial Action Objectives.** This section summarizes the amended remedial action objectives for Parcel B based on the future site use and the results of the HHRA and SLERA.
- **Section 9.0, Description of Amended Remedial Alternatives.** This section describes the amended cleanup alternatives developed for soil, groundwater, and structures at Parcel B.
- **Section 10.0, Comparative Analysis of Amended Remedial Alternatives.** This section summarizes the comparative analysis that was conducted to evaluate the relative performance of each amended remedial alternative in relation to the nine criteria outlined in CERCLA.
- **Section 11.0, Principal Threat Waste.** This section discusses the principal threat wastes at Parcel B.
- **Section 12.0, Amended Selected Remedy.** This section summarizes the components of the selected remedial alternatives.

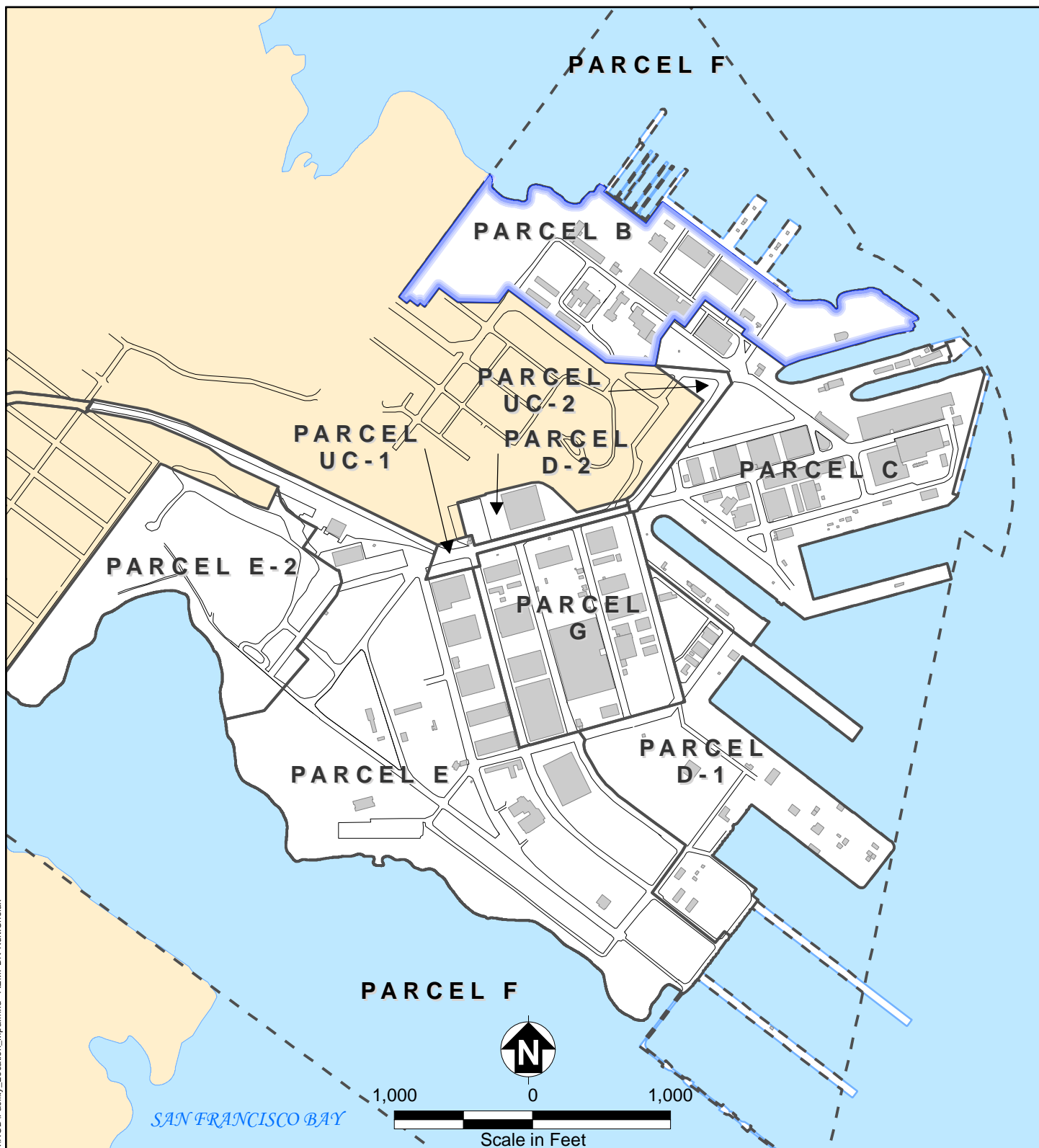
- **Section 13.0, Statutory Determinations.** This section provides a site-specific description of how the amended selected remedy satisfies the requirements of CERCLA § 121 and explains the 5-year review requirements for the amended selected remedy.
- **Section 14.0, Documentation of Significant Changes.** This section documents the significant changes in the amended selected remedy as compared with the proposed plan for Parcel B that was mailed to the public in June 2008.
- **Section 15.0, References.** This section lists the references used in this report.

Figures and tables are presented after the section in which they are first mentioned. Additionally, the following attachments provide supplemental information for this amended ROD:







- **Attachment A, Administrative Record Index.** This attachment provides an index of the administrative record specific to Parcel B.
- **Attachment B, Transcript from Public Meeting, Sign-in Sheet, and Public Notice.** This attachment provides a transcript from the public meeting on the proposed plan for Parcel B; and copies of the sign-in sheet and published public notice of the meeting.
- **Attachment C, Responsiveness Summary.** This attachment provides the Navy's responses to questions raised during the public comment period.

FIGURES

10/09/2008 O:\Hunters_Point\Projects\Parcel_B_TM\SRAROD\Facility_Location.Mxd T:\MIDN Kurt.Cholak



Location Map

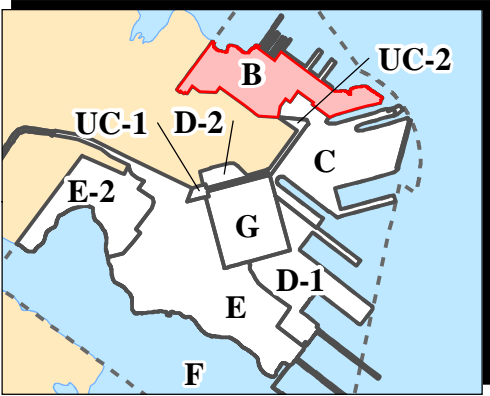
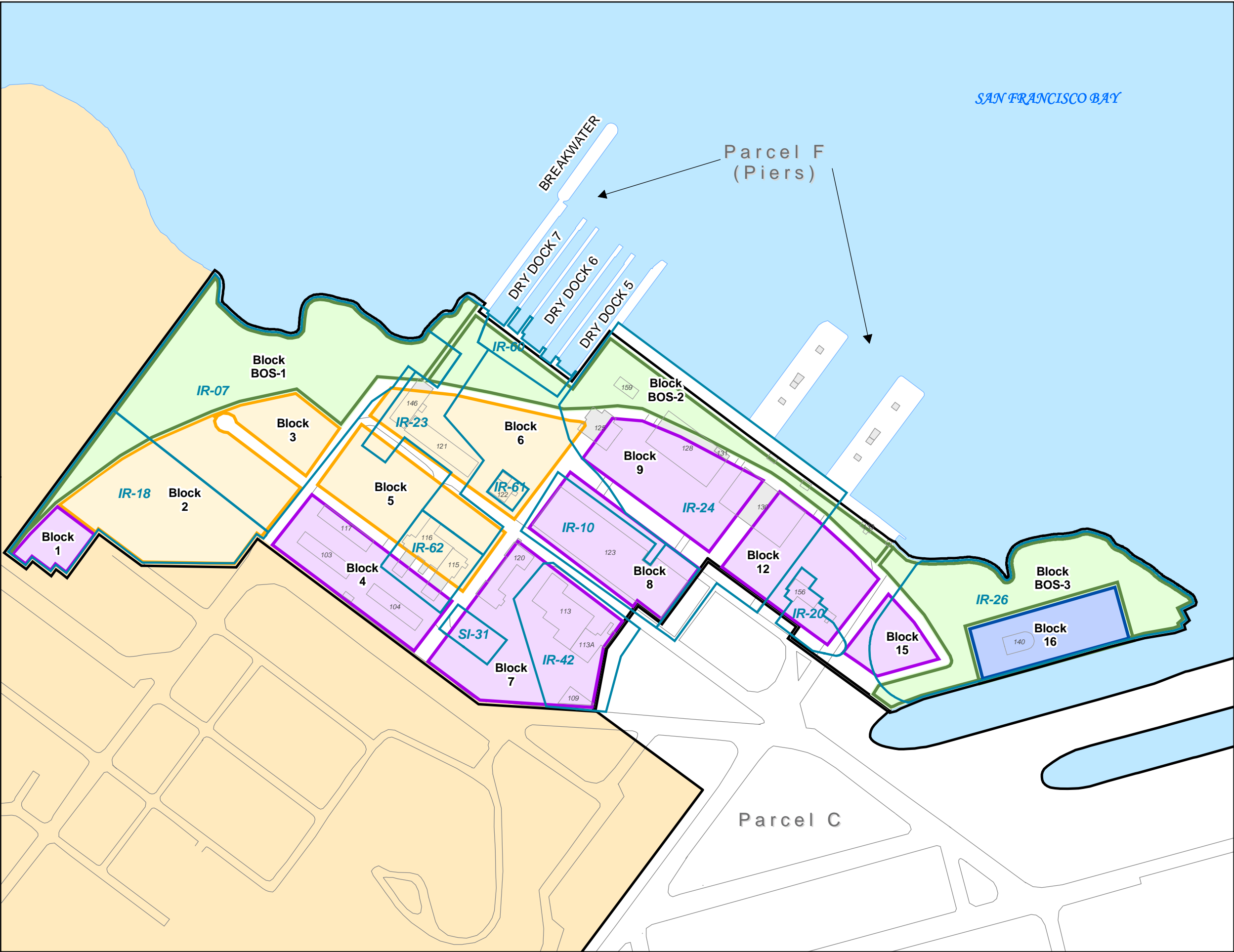
-  Parcel B Boundary
-  Parcel Boundary
-  Parcel F Boundary
-  Building
-  Non-Navy Property
-  Road



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 1-2
FACILITY LOCATION MAP

Amended ROD for Parcel B



Location Map

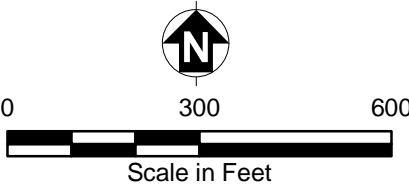
Parcel B Redevelopment Blocks:

- Research and Development
- Mixed Use
- Open Space
- Educational/Cultural
- IR or SI Site
- Parcel Boundary
- Building
- Non-Navy Property
- San Francisco Bay

Notes:

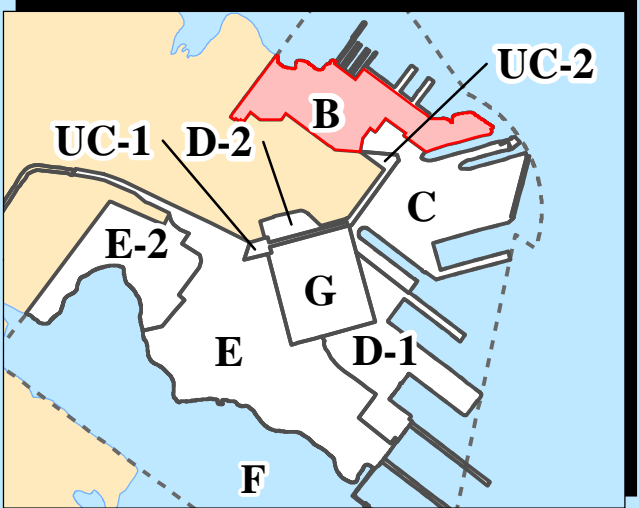
- Reuse areas based on "Hunters Point Shipyard Redevelopment Plan" by the San Francisco Redevelopment Agency, July 14, 1997. Reuse areas and redevelopment blocks may change in the future.
- Future land use controls will apply restrictions to redevelopment blocks located at IR-07 and IR-18 that prohibit some of the reuses identified in the 1997 redevelopment plan.

IR Installation Restoration
SI Site Inspection



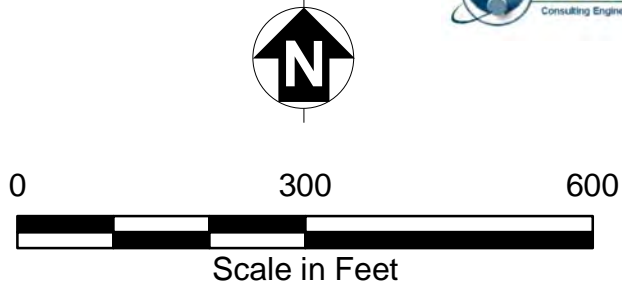
Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 1-3
INSTALLATION RESTORATION AND
SITE INSPECTION SITES AND
REDEVELOPMENT BLOCKS
Amended ROD for Parcel B



Location Map

- Planned Excavation, 1997 Record of Decision and Remedial Design
- Extent of Excavation
- Remedial Action Removals (July 1998 through December 2001)
- Petroleum Removals (July 2004 through January 2005)
- Building
- Parcel B Boundary
- Other Parcel Boundary
- Non-Navy Property
- San Francisco Bay
- Road



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

**FIGURE 1-4
PLANNED VERSUS ACTUAL
EXCAVATION AREAS**

Amended ROD for Parcel B

TABLE

TABLE 1-1: CERCLA CHRONOLOGY FOR PARCEL B

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

CERCLA Process Step	Document	Date Completed
Preliminary Assessment/Site Inspection	Site Inspection Report	April 1994
Remedial Investigation	Remedial Investigation Report	June 1996
Feasibility Study	Feasibility Study Report	November 1996
Proposed Plan	Proposed Plan	October 1996
Record of Decision	ROD	October 1997
Explanation of Significant Differences	Explanation of Significant Differences (first)	August 1998
Remedial Design	Remedial Design Documents	August 1999
Remedial Action (Phase I)	Field Excavations	July 1998 to September 1999
Explanation of Significant Differences	Explanation of Significant Differences (second)	May 2000
Remedial Design Amendment	Remedial Design Amendment	February 2001
Remedial Action (Phase II)	Field Excavations	July 2000 to December 2001
Remedial Action (report)	Construction Summary Report	July 2008
Five-Year Review	First Five-Year Review of Remedial Actions Implemented at Hunters Point Shipyard	December 2003
TMSRA (update to Feasibility Study)	Technical Memorandum in Support of a ROD Amendment	December 2007
TMSRA Radiological Addendum	TMSRA Radiological Addendum	March 2008
Proposed Plan in Support of a ROD Amendment	Proposed Plan	June 2008
Five-Year Review	Second Five-Year Review of Remedial Actions Implemented at Hunters Point Shipyard	November 2008
Amended ROD	Amended ROD	January 2009
Remedial Design (IR-07 and IR-18)	Remedial Design	September 2009*
Remedial Action (IR-07 and IR-18)	Field Actions and Report	October 2010*
Remedial Design (rest of Parcel B)	Remedial Design	TBD
Remedial Action (rest of Parcel B)	Field Actions and Report	TBD

Notes: * Indicates a planned target date

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

ROD Record of decision

TBD To be determined

TMSRA Technical memorandum in support of a record of decision amendment

2.0 SITE HISTORY AND ENFORCEMENT ACTIVITIES

This section summarizes the history of HPS and Parcel B and describes the investigations and actions that have been conducted at Parcel B since the 1997 ROD.

2.1 SITE HISTORY

Hunters Point Shipyard consists of 866 acres: 420 acres on land, and 446 acres under water in San Francisco Bay. The Navy acquired ownership of the first portions of the shipyard property around 1939 and initially used the shipyard for shipbuilding, repair, and maintenance. After World War II, activities at Hunters Point Shipyard shifted to submarine maintenance and repair. However, the Navy continued to operate carrier overhaul and ship maintenance and repair facilities through the 1960s. Other significant activities after World War II included (1) potential disposal of decontamination materials from ships used during atomic weapons testing in the South Pacific during the 1950s that were decontaminated at the shipyard, (2) radiological decontamination of personnel, (3) storage of samples from atomic weapons testing, (4) radiological sample counting, (5) storage and disposal of radioluminescent devices, (6) non-destructive testing and gamma radiography, and (7) storage of low-level radioactive waste.

Hunters Point Shipyard was also the site of the Naval Radiological Defense Laboratory (NRDL) from the late 1940s until 1969. Initial tasks for the laboratory focused on the study of the effects of atomic weapons, including research into decontamination methods, personnel protection, and development of radiation detection instrumentation. Laboratory responsibilities grew to also include practical and applied research into the effects of radiation on living organisms and on natural and synthetic materials, in addition to continued decontamination experimentation. Hunters Point Shipyard was deactivated in 1974 and remained largely unused until 1976. Between 1976 and 1986, the Navy leased most of Hunters Point Shipyard to Triple A Machine Shop, Inc., a private ship repair company. The Navy resumed occupancy of Hunters Point Shipyard in 1987.

Currently, HPS is divided into ten parcels: B, C, D-1, D-2, E, E-2, F, G, UC-1, and UC-2. [Figure 1-2](#) identifies these parcels at HPS. In 1992, the Navy divided HPS into five contiguous parcels (A through E) to expedite remedial action and land reuse. In 1996, the Navy added a sixth parcel (Parcel F), also known as the offshore area. In September 2004, the Navy designated the landfill area in Parcel E as a separate parcel, Parcel E-2. In December 2004, the Navy transferred Parcel A to the San Francisco Redevelopment Agency. In July 2008, the Navy divided Parcel D into Parcels D-1, D-2, G, and UC-1. In December 2008, the Navy divided Parcel C into Parcels C and UC-2. [Figure 1-3](#) shows the IR and site inspection (SI) sites at Parcel B. Parcel B, which includes 59 acres on the north side of HPS, is the focus of this amended ROD.

Parcel B is bounded by other portions of Hunters Point Shipyard, private property, and San Francisco Bay. Most of Parcel B was formerly part of the industrial support area and was used for shipping, ship repair, training, barracks, and offices. Historically, Parcel B was investigated by IR site. Parcel B originally consisted of 16 IR sites, which were investigated during the remedial investigation, and two site inspection sites, which did not require further

investigation. Since that time, the boundaries of Parcel B have been redefined, and IR-06 and IR-25 have become part of Parcel C. Sites SI-45 (steam line system) and IR-50 (storm drain and sanitary sewer system) are facility-wide utility sites that traverse other sites. Site IR-51 is a facility-wide site that consists of buildings and areas that formerly housed electrical transformers. Furthermore, any base infrastructure at Parcel B that is considered to be “hanging” off seawalls and quay walls into the bay, such as piers, wharves, and dry dock side walls, is considered to be part of Parcel F. Parcel B is also divided into redevelopment blocks that have been assigned redevelopment block numbers to help identify areas of Parcel B that are associated with specific planned reuses (Figure 1-3). Reuse areas and redevelopment blocks may change in the future.

Parcel B Installation Restoration and Site Inspection Sites

Remedial Investigation Sites:

07	24	51
10	26	60
18	42	61
20	46	62
23	50	

Site Inspection Sites:

31	45
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*IR-06 and IR-25 moved to Parcel C

2.2 ACTIONS SINCE 1997 ROD

Actions since the October 1997 ROD include changes to the boundary of Parcel B, additional investigations, removal and remedial actions, treatability studies, and regulatory actions. Table 2-1 lists documents that summarize the post-ROD activities according to broad categories related to the soil remedy, groundwater remedy, treatability studies, or regulatory actions.

2.2.1 Changes in Parcel B Boundary

The boundary of Parcel B has changed twice since the October 1997 ROD. The first change affected the southeastern boundary with Parcel C. The Navy revised the boundary between Parcels B and C to consolidate the area subject to similar contamination and potential remedial action and include the area as part of Parcel C. This change moved IR-06 to Parcel C. The Navy documented the change in the boundary in a memorandum to the administrative record file on February 1, 2002 (Navy 2002). The adjustment of the parcel boundary to move IR-06 to Parcel C reduced the area of Parcel B from 63 to 59 acres.

The second change affected the southwestern boundary with the former Parcel A. Minor adjustments in the boundary in this area were made to ensure that soil contamination related to activities in Parcel B was contained within the boundary of Parcel B. The Navy documented this boundary adjustment in the finding of suitability to transfer documents for Parcel A (Tetra Tech 2004). The adjustment involved only a small fraction of an acre, and the area of Parcel B remained about 59 acres.

In this amended ROD, the boundary between Parcels B and F is considered the mean lower low water line. The Navy is preparing a memorandum to the administrative record file to document this definition. This memorandum will also document that the piers along the shoreline of Parcel B have been transferred into Parcel F (Figure 1-3).

2.2.2 History of Investigations

This section discusses investigations the Navy has conducted at Parcel B since the October 1997 ROD. Additional investigation also occurred during remedial actions as well as during treatability studies, and these activities are discussed separately in the succeeding sections. The resulting changes to the site characterization for soil and groundwater contamination at Parcel B are discussed in [Section 5.0](#).

Investigations at Parcel B since the 1997 ROD include the Historical Radiological Assessment, an investigation of the Bay Mud Aquitard and B-aquifer, a study of fill conditions at IR-07 and IR-18, an investigation into sediment contamination along the Parcel B shoreline, studies of ambient concentrations of nickel and manganese in soil, a soil gas investigation at IR-07 and IR-18, an investigation of VOCs in groundwater at the boundary of Parcels B and C, and a wetlands delineation assessment. More detailed descriptions of past investigations are included in Section 2.1 of the TMSRA ([ChaduxTt 2007](#)).

Historical Radiological Assessment. The HRA evaluated potential radiological contamination from use of general radioactive materials at HPS (Naval Sea Systems Command [\[NAVSEA\] 2004](#)). The HRA identified radiologically impacted areas at Parcel B. The term “radiologically impacted” is defined in the Historical Radiological Assessment as “an area, building, or piece of equipment that, under professional interpretation, has the distinct possibility of having residual radioactive material associated with it.” [Section 5.0](#) presents a summary of the nature and extent of radiological contamination at Parcel B.

Distribution of Bay Mud Aquitard and B-Aquifer Characterization. The Navy investigated the thickness and extent of the Bay Mud, which acts as an aquitard that separates the A- and B-aquifers, and characterized groundwater in the B-aquifer at Parcel B ([Tetra Tech 2001a](#)). The study found that the Bay Mud Aquitard separates the A- and B-aquifers or that the B-aquifer is absent in most of Parcel B. Lithologic results from the study are incorporated into the updated site characterization (see [Section 5.0](#)), and analytical results are included in the HHRA, which is Appendix A of the TMSRA ([ChaduxTt 2007](#)).

Fill Conditions Study at IR-07 and IR-18. The Navy studied the nature and extent of the debris fill at portions of IR-07 and IR-18 to delineate further the types and distribution of debris materials observed during remedial action excavations at these IR sites ([Tetra Tech 2003b](#)). The study documented the progressive filling of San Francisco Bay in the area of IR-07 and IR-18 from 1948 to 1972 and noted widespread distribution of low-quality fill with a high debris content. Debris included wood, asphalt, concrete, brick, metal, and other demolition-type debris, as well as sandblast grit from HPS operations. The study concluded that fill conditions at IR-07 and IR-18 vary greatly from the rest of Parcel B. Potential remedial actions considered for IR-07 and IR-18 account for the unique subsurface conditions in this area.

In addition, the Navy prepared an evaluation of the radiological history of IR-07 and IR-18, with an emphasis on the locations of potential radiologically impacted fill ([Navy 2008b](#)).

Shoreline Sediment Investigation. The Navy investigated the nature and extent of chemicals in sediments along the shoreline at IR-07 and IR-26 (Tetra Tech and Innovative Technical Solutions, Inc. [ITSI] 2004b). Sediment samples collected during this investigation are further evaluated in the SLERA, which is Appendix B of the TMSRA.

Nickel and Manganese in Soil Studies. The Navy studied nickel and manganese to further evaluate the nature of background concentrations of these metals in HPS soils. Ambient concentrations of a broad group of metals are summarized as Hunters Point ambient levels (HPAL) (PRC Environmental Management, Inc. [PRC] 1995). However, the unique geology at HPS, and especially the presence of rock types such as serpentinite, basalt, and chert, results in naturally higher concentrations of nickel and manganese. The Navy studied the distribution of nickel concentrations in soil across HPS and found a positive correlation among concentrations of nickel, magnesium, and cobalt. These correlations were quantified as regression equations for (1) nickel versus magnesium, and (2) nickel versus cobalt, and these regression equations replaced a single, numerical value for the HPAL for nickel (Tetra Tech 1999). The Navy also studied the distribution of manganese in soil across HPS (Tetra Tech 2001d, 2001e, 2001g). The Navy agreed to continue to use the original HPAL for manganese (1,431 milligrams per kilogram [mg/kg]). HPALs, including the regression equations for the HPAL for nickel, were considered during the HHRA.

Metals Concentrations in Franciscan Bedrock Outcrops Study. The Navy studied the ambient concentrations of metals in bedrock and bedrock-derived soil from three nonindustrial sites in San Francisco (Tetra Tech and ITSI 2004a). The geologic setting of these three sites is similar to HPS and contains serpentinite or chert and basalt bedrock typical of the Franciscan Complex. The study found elevated concentrations of arsenic, iron, and manganese associated with chert bedrock and elevated nickel concentrations associated with serpentinite. The chemical composition of soil at the three sites was found to be similar to the chemical composition of rock. Results from this study supported the assessment of the ubiquitous nature of metals in bedrock-derived fill at Parcel B.

Soil Gas Investigation at IR-07 and IR-18. The Navy investigated IR-07 and IR-18 to evaluate whether the fill is producing methane and other VOCs (SES-TECH 2005). The study consisted of active soil gas measurements across the IR-07 and IR-18 areas. The study found one area in the eastern portion of IR-07 where concentrations of methane and VOCs exceeded 5 percent methane (by volume in air) or 1,000 parts per million by volume VOCs. The Navy decided to conduct a time-critical removal action (TCRA) to address the methane source area (SES-TECH 2008).

VOCs in Groundwater Investigation at the Boundary of Parcels B and C. The Navy investigated the area near Building 134 along the boundary between Parcels B and C to further delineate the extent of VOC contamination in groundwater in the A-aquifer (CE2 Corporation [CE2] 2005). This VOC-contaminated area in Parcel C is termed remedial unit (RU)-C5. The investigation found (1) that dissolved-phase VOCs in groundwater in the shallow A-aquifer have migrated from Parcel C to Parcel B, but concentrations at Parcel B were below maximum contaminant levels (MCL), (2) that there was no indication of dense nonaqueous-phase liquids (DNAPL) in the aquifer at Parcel B, and (3) that there was no evidence for migration of DNAPLs onto Parcel B from Parcel C.

Wetlands Delineation and Functions and Values Assessment. The Navy delineated wetland areas at Parcel B and identified the functions and values of the wetlands during 2001 and 2002 (Tetra Tech 2003c). The Navy conducted the wetlands delineation on October 1, 2001, and the functions and values assessment on December 3, 2001. A confirmatory functions and values assessment was conducted on April 10, 2002. The wetlands delineation followed technical guidelines and methods described in the U.S. Army Corps of Engineers (USACE) wetland delineation manual (USACE 1987a). The functions and values assessment followed the methods and guidance outlined in the USACE wetland evaluation technique technical reports (USACE 1987b).

2.2.3 History of Removal and Remedial Actions

The 1997 ROD identified soil excavation and disposal and groundwater monitoring as major components of the remedy for Parcel B (Navy 1997). The following sections discuss these remedial actions and other, related removal actions by medium.

2.2.3.1 History of Soil Actions

The 1997 ROD identified excavation of contaminated soil, off-site disposal, and placement of clean backfill as the primary components of the selected remedy. The Navy conducted a series of excavations at Parcel B to remove contaminated soil, including (1) pre-ROD exploratory excavations in 1996, (2) remedial action excavations from 1998 to 2001, and (3) a removal action to excavate soil contaminated by fuel-related compounds in 2004. Figure 1-4 shows the locations of these previous excavations at Parcel B; additional details about the excavations are provided below.

Exploratory Excavations. The Navy conducted exploratory excavations at 18 sites across HPS between July 1996 and January 1997 (IT Corporation [IT Corp.] 1999). These excavations included removal actions at five sites at Parcel B. The volume of the excavations was limited during this initial, exploratory phase. A total of approximately 1,700 cubic yards of soil was removed from the five sites at Parcel B.

Remedial Actions. The Navy conducted remedial actions for soil in two phases: 1998 to 1999, and 2000 to 2001. The Navy excavated about 54,400 cubic yards of soil from 84 areas at Parcel B between July 1998 and September 1999. The remedial design (RD) (Tetra Tech and Morrison Knudsen Corporation 1999a) for this phase included confirmation sampling after an excavation had been completed. However, the excavations failed to remove contaminants to below cleanup goals for soil in many excavations, and the soil remedial action paused in September 1999 while the Navy reevaluated the cleanup goals presented in the 1997 ROD (see Section 2.2.5 for more discussion).

The Navy summarized revised cleanup goals in the May 2000 ESD (Navy 2000). Between May 2000 and December 2001, the Navy excavated and disposed of off site approximately 47,200 cubic yards of soil from 43 areas, some of which had been originally excavated from 1998 to 1999. This second phase of excavation followed an amended RD that included pre-excavation sampling to delineate excavation areas (Tetra Tech 2001b). New excavation areas were opened during the second phase, and some excavations begun in 1998 to 1999 were reopened. Similar to

the first phase, the second phase of excavations did not remove all contaminants to below cleanup levels for soil, and the remedial action was halted for reevaluation. The Navy excavated a total of 101,600 cubic yards of soil from 106 areas at Parcel B during both phases, compared with the estimate of 38,000 cubic yards at 85 areas in the 1997 ROD. Details of the remedial action excavations are presented in the construction summary report ([ChaduxTt 2008](#)).

The Navy encountered black sandblast grit at Excavation 7-4 in 2001 and analyzed this material for radioactivity. Minimal radioactivity was detected in the field, and laboratory analysis of a sample found only naturally occurring radium. In a previous study, EPA radiological experts performed an independent evaluation and confirmed that the radiation levels were only slightly above background ([National Air and Radiation Environmental Laboratory 1994](#)).

Excavations to Remove Fuel-Related Contamination. The Navy removed about 29,000 cubic yards of soil from 12 excavations at sites across HPS between July 2004 and January 2005 as part of its total petroleum hydrocarbons (TPH) program to remove soil that was contaminated by fuel-related products ([TPA-CKY Joint Venture 2005](#)). The Navy removed and disposed off site about 9,800 cubic yards of soil from two areas at Parcel B during this action.

Time-Critical Removal Actions. The Navy is conducting three TCRA's to address (1) radiological contamination basewide, including Parcel B, (2) methane at IR-07, and (3) mercury at IR-26.

- **TCRA for Radionuclides.** The Navy is conducting a TCRA to address potential radioactive contamination in buildings, fill areas, former building sites, storm drains, and sanitary sewers at Parcel B. The Final Action Memorandum for the Base-wide Radiological Removal Action describes the need for the response action as well as the cleanup criteria ([Navy 2006](#)). The TCRA involves (1) surveying structures, former building sites, and radiologically impacted areas; (2) decontaminating (and demolishing if necessary) buildings and former building sites; (3) excavating radiologically impacted storm drain and sanitary sewer lines and other areas, as necessary; and (4) screening, separating, and disposing of radioactive anomalies and contaminated excavated materials at an off-site, low-level radioactive waste facility. Activities for the TCRA at Parcel B began in 2006. The Navy excavated more than 59,400 cubic yards of material and disposed of about 3,800 cubic yards off site as low-level radioactive waste. The Navy demolished Building 157 as part of the TCRA and removed more than 22,900 linear feet of storm drain and sanitary sewer lines. The Navy also investigated Building 140 and its associated channels, pumps, and pipes for radiological contamination. All information related to each radiologically impacted area at Parcel B will be summarized in individual final status survey reports or the removal action completion report (RACR), which will be reviewed and approved by the BCT and the California Department of Public Health (CDPH).

- **TCRA for Methane at IR-07.** The Navy is conducting a TCRA to address methane detected in soil gas samples in the eastern portion of IR-07. The Navy excavated and screened about 12,000 cubic yards of soil, including about 2,500 cubic yards of construction and demolition debris during August through October 2008. The TCRA found that debris was confined to a layer that extended to about 6 feet bgs and was above the water table, which was at about 18 feet bgs at the excavation site. Therefore, it is not likely that debris placed by the Navy as fill is the source of methane. Material below 6 feet bgs was predominantly clean, engineered fill without debris or staining. Excavation continued to the native Bay Mud at a depth of 27 feet bgs. A layer of material at the top of the Bay Mud was observed to be highly organic and odiferous. An unmarked polyvinyl chloride sewer line, apparently installed after the Navy's presence at HPS ended in 1974, also was found during the excavation; a portion of the line was removed and the ends were capped. Both the native organic material and the sewer line may have been sources of methane; debris used as fill located above the water table does not appear to be a likely source of methane.
- **TCRA for Mercury at IR-26.** The Navy is conducting a TCRA to address the source of mercury in groundwater at IR-26 (near wells IR26MW47A and IR26MW49A). The Navy removed about 6,000 cubic yards of soil beneath and adjacent to former Excavation EE-05 during September through October 2008. The TCRA found high concentrations of mercury in soil samples collected near well IR26MW47A. These soils were the likely source of the elevated concentrations of mercury measured in groundwater samples collected at wells IR26MW47A and IR26MW49A.

2.2.3.2 History of Groundwater Actions

The 1997 ROD identified groundwater monitoring, lining storm drains, and removing steam and fuel lines as primary components of the selected remedy. The Navy developed the remedial action monitoring program (RAMP) to describe the groundwater monitoring program for Parcel B. The Navy investigated storm drains as potential conduits for groundwater migration and excavated steam and fuel lines. In addition, the Navy investigated the extent of chromium VI in groundwater at IR-10 during implementation of the RAMP. The following sections present details of the RAMP and these related removals and investigations.

Remedial Action Monitoring Program. The Navy prepared the RAMP ([Tetra Tech and Morrison Knudsen Corporation 1999b](#)) as part of the RD in 1999. In accordance with the requirements of the 1997 ROD, the RAMP established monitoring locations (1) along the point of compliance (POC), which was defined as the high-tide line of the tidally influenced zone, and (2) at positions upgradient from the POC (sentinel wells). The RAMP originally identified 24 wells for groundwater monitoring.

In addition to the original RAMP wells, the Navy incorporated other wells during the monitoring program: (1) additional wells in and around the IR-10 VOC plume, (2) supplemental characterization wells near Excavation EE-05 in IR-26, and (3) a well to monitor chromium VI. All wells are sampled quarterly except for the sentinel wells, which are sampled semiannually. The Navy currently monitors 36 wells in the RAMP and has collected samples for 36 quarters as of December 2008.

Chromium VI Delineation Study. The Navy installed 10 temporary monitoring wells in the A-aquifer in 2002 at locations down-, cross-, and up-gradient from well IR10MW12A to monitor concentrations of chromium VI in groundwater in the area of this well. The study concluded that downward migration of chromium VI was unlikely based on the low hydraulic conductivity of the clay, the large available surface area for adsorption, and the high potential for reduction of chromium VI to chromium III by organic material, iron, and manganese contained in the clay. The study found the extent of chromium VI was limited to the immediate area around well IR10MW12A.

Storm Drain Infiltration Studies. The Navy studied potential infiltration of groundwater into storm drain lines at Parcel B in October 1997 (Tetra Tech 1998). After review and comments by the BCT, the Navy conducted a focused investigation of two reaches of the storm drain in Parcel B between April 1999 and November 2000 (Tetra Tech 2001c). The two reaches investigated were storm water Basins 2 and 4; both were below the groundwater table and intersected contaminant plumes (as mapped at that time). Basin 2 is located in eastern IR-07, north of Building 146; Basin 4 is located in eastern IR-24, roughly between Buildings 134 and 130. Overall, the study recommended no further action be taken related to the storm drains, except for continued monitoring of a group of RAMP wells.

Groundwater Evaluation Technical Memorandum. After 2 years of groundwater monitoring under the RAMP, the Navy prepared a technical memorandum (Tetra Tech 2001f) to reevaluate the monitoring program based on the groundwater data collected by the RAMP and earlier investigations and to recommend revisions to the RAMP. The Navy and the BCT discussed the recommendations in the technical memorandum but did not agree on modifications to the RAMP. The technical memorandum was not finalized and, although wells were added to the RAMP, the RAMP document was not changed.

2.2.4 History of Treatability Studies

The Navy conducted treatability studies at IR-10 using SVE and injection of ZVI to evaluate the effectiveness of these techniques to clean up VOCs in soil and groundwater located beneath the northwestern portion of Building 123. The Navy also conducted a treatability study using sequential anaerobic and aerobic bioremediation at nearby Building 134 in Parcel C for similar contaminants (VOCs) in groundwater. The following sections briefly describe these studies.

Soil Vapor Extraction. The Navy tested a pilot-scale SVE system at Building 123 in IR-10 between December 2000 and June 2001 (IT Corp. 2002). The test used a trailer-mounted blower system and granular activated carbon for off-gas cleanup. Testing showed significant removal of VOCs, although VOC concentrations rebounded after the SVE system was shut down. The Navy confirmed the effectiveness of the pilot test by collecting soil samples in the treatment area during September 2002 (Tetra Tech 2003d). Analysis of these soil samples indicated that VOC concentrations were reduced about 80 percent during test operations.

The Navy expanded the pilot-scale SVE system at Building 123 during January through May 2005 (ITSI 2006). The SVE system operated from June through September 2005, when the system was shut down for rebound monitoring through December 2005. Vapor monitoring indicated that VOCs were reduced to below detection levels in 49 of 51 monitoring wells. The treatability study

report recommended that the system be expanded to include additional vapor extraction wells and operated to remove additional VOCs. The system remains in place and operation of the SVE system is incorporated into the amended remedial actions discussed in this amended ROD.

Zero-Valent Iron Injection. The Navy evaluated the effectiveness of ZVI as a means to clean up chlorinated VOCs in groundwater at IR-10. The Navy conducted a pilot test using ZVI at Building 123 between September 2003 and March 2004 (Engineering/Remediation Resources Group, Inc. [ERRG] and URS Corporation [URS] 2004). The test included injection of a slurry of about 130,500 pounds of ZVI powder into the A-aquifer. Results from groundwater monitoring indicated about a 50-percent reduction in the mean concentration of trichloroethene. In some individual wells, trichloroethene concentrations dropped from hundreds of milligrams per liter to below detection limits. Monitoring the groundwater in the test area continues under the RAMP. The results of this treatability study were the basis for incorporating ZVI injection in the amended remedial alternatives.

Sequential Anaerobic and Aerobic Bioremediation. The Navy tested a pilot-scale system for sequential anaerobic and aerobic bioremediation at Building 134 in Parcel C from April 2004 through June 2005 (Shaw Environmental, Inc. [Shaw] 2005). The anaerobic stage of the test continued through December 2004 and included injection of lactate and hydrogen to stimulate biological breakdown of chlorinated solvents in groundwater in the A-aquifer. The data indicate that the indigenous organisms are capable of complete degradation of the chlorinated ethenes to non-toxic ethene. The results of this treatability study supported incorporating lactate injection in the amended remedial alternatives.

2.2.5 History of Regulatory Actions

This section briefly describes the 1997 ROD and the two subsequent ESDs that apply to Parcel B. This section also summarizes the first 5-year review for HPS, which focused on Parcel B.

2.2.5.1 October 1997 ROD

The Navy and the regulatory agencies signed the ROD for Parcel B, dated October 7, 1997, on October 9, 1997 (Navy 1997). The ROD addressed both soil and groundwater contaminated by CERCLA hazardous substances at Parcel B. The ROD also addressed remediation of areas where CERCLA hazardous substances are commingled with petroleum hydrocarbons. Areas that contained only petroleum hydrocarbons, which are not hazardous substances as defined by CERCLA, are addressed in a separate petroleum hydrocarbon corrective action plan under the oversight of the San Francisco Bay Regional Water Quality Control Board (Water Board) (Shaw 2008).

The Navy selected excavation and off-site disposal as the remedy for contaminated soil at Parcel B. The Navy selected groundwater monitoring, lining of storm drains, and removal of steam and fuel lines as primary components of the selected remedy for groundwater. The major components of the remedy are listed in [Section 1.2](#).

Two subsequent changes were made to the soil portion of the selected remedy in the October 1997 ROD for Parcel B. These changes were described in the ESDs dated August 24, 1998, and May 4, 2000.

2.2.5.2 *August 1998 ESD*

The first ESD to the Parcel B ROD was dated August 24, 1998, and was signed by the Navy and the regulatory agencies on October 28, 1998 ([Navy 1998](#)). This ESD revised the selected remedy to require excavation of contaminated soils to a 10^{-6} cancer risk (residential) or to a maximum depth of 10 feet bgs, instead of to groundwater as required by the 1997 ROD.

2.2.5.3 *May 2000 ESD*

The second ESD to the Parcel B ROD was dated May 4, 2000, and was signed by the Navy and the regulatory agencies on May 9, 2000 ([Navy 2000](#)). The May 2000 ESD updated the cleanup goals for soil presented in Table 8 of the Parcel B ROD to incorporate (1) the methodologies and toxicological data from EPA's 1999 preliminary remediation goals (PRG) into the site-specific cleanup goals for Parcel B, including adjustments by the Navy to incorporate the produce uptake pathway, and (2) revised ambient levels for nickel.

2.2.5.4 *First Five-Year Review*

The Navy summarized the first 5-year review for HPS in a report dated December 10, 2003 ([Tetra Tech 2003e](#)). The 5-year review encompassed all of HPS but focused on Parcel B because remedial actions had not been implemented yet at the other parcels at HPS.

The purpose of the 5-year review was to evaluate implementation and performance of the remedy and to assess whether the remedy is or will be protective of human health and the environment.

Protectiveness — Soil. At the time of the review, the remedy for soil at Parcel B was determined to be protective of human health and the environment because exposure pathways that could result in unacceptable risks were controlled through extensive soil excavation and the use of fencing, locked gates, warning signs, and secured buildings. The review recommended that, for the soil remedy to be protective in the long term, (1) the HHRA should be updated using new toxicological data and methodologies, (2) potential ecological risks to aquatic receptors should be evaluated, and (3) the selected remedy should be modified to address remaining areas of contamination. This amended ROD is intended to modify the selected remedy to ensure that the final soil remedy implemented at Parcel B will be protective of human health and the environment in the long term.

Recommendations for the Soil Remedy. The 5-year review identified the following actions related to the soil remedy. Each bullet also indicates how these items are addressed in this amended ROD (shown in [brackets] as sub-bullets).

- Subsurface conditions should be further evaluated at IR-07 and IR-18, the conceptual model should be updated, and a site-specific approach should be developed as part of the process to amend the Parcel B ROD.

- [The amended ROD includes remediation alternatives to address the debris fill area at IR-07 and IR-18 (Redevelopment Blocks 2, 3, and BOS-1).]
- Potential need for remedial action at the shoreline near IR-07 and IR-26 should be evaluated during the process to amend the ROD.
 - [The alternatives in the amended ROD include remediation of the shoreline at IR-07 and IR-26 (Redevelopment Blocks BOS-1 and BOS-3).]
- Potential ecological risk to aquatic receptors from Parcel B contaminants should be evaluated.
 - [The amended ROD includes remediation alternatives to address the shoreline area.]
- Effectiveness of the SVE system at IR-10 should be further evaluated during the process to amend the ROD and included in an amended ROD if SVE is selected as a remedy for VOC-contaminated soil. If SVE is not selected as the remedy, remaining portions of IR-10 that have not been excavated will need to be addressed.
 - [The amended ROD includes remediation alternatives that include SVE for VOCs in soil at IR-10. The amended ROD also contains remediation alternatives to address metals concentrations that exist in soil in the same area at IR-10 that will not be treated by SVE.]
- Remedial action objectives (RAO) for soil and remedial action alternatives should be reevaluated during the process to amend the ROD to address higher and more variable levels of ambient metals.
 - [The RAOs in the amended ROD account for higher and more variable concentrations of ambient metals.]
- The human health risk assessment (HHRA) should be updated with new toxicological data and calculate cumulative risk as part of the process to amend the ROD.
 - [The updated HHRA incorporated new toxicological data and provided information about total risk. The remediation alternatives addressed in the amended ROD address the total risk from chemicals in soil.]
- Enforceable land-use restrictions need to be developed before the remedy is complete.
 - [The amended ROD contains more detailed information on institutional controls.]

Protectiveness — Groundwater. At the time of the review, the groundwater remedy at Parcel B was determined to be protective of human health and the environment because the RAMP safeguards aquatic life in the bay and addresses potential risk to future occupants of Parcel B buildings. The review recommended that, for the groundwater remedy to be protective in the long term, (1) the HHRA and groundwater trigger levels should be updated, (2) potential ecological risk to aquatic receptors should be evaluated, (3) the selected remedy should be modified to address VOC contamination, (4) a POC well and other characterization wells should be installed at IR-07, and (5) appropriate responses to incidents where trigger levels are exceeded should continue to be implemented.

Recommendations for the Groundwater Remedy. The 5-year review identified the following actions related to the groundwater remedy. Each bullet also indicates how these items are addressed this amended ROD (shown in [brackets] as sub-bullets).

- Refinement of Parcel B groundwater monitoring should be discussed with the regulatory agencies and detailed in the basewide monitoring plan, which encompasses groundwater monitoring for Parcels B, C, D, E, and E-2.
 - [The remediation alternatives in the amended ROD discuss groundwater monitoring options for Parcel B.]
- Trigger levels should be reevaluated.
 - [Appendix I of the TMSRA contained recommendations for revised trigger levels. The amended ROD incorporates these trigger levels.]
- Ambient metals in groundwater may be reevaluated, if necessary, to ensure protectiveness of human health and the environment.
 - [Ambient levels of metals in groundwater were considered in the risk assessments, but were not revised.]
- The HHRA should be updated with new toxicological data and calculate cumulative risk as part of the process to amend the ROD.
 - [The updated HHRA incorporated new toxicological data and provided information about total risk. The remediation alternatives included in the amended ROD address the risk from chemicals in groundwater.]
- Potential ecological risk to aquatic receptors from Parcel B contaminants should be evaluated.
 - [The amended ROD includes remediation alternatives to address the shoreline area.]
- A POC well and characterization wells should be installed at IR-07.
 - [POC well IR07MWS-4 and post-remedial action wells IR07MW21A1, IR07MW24A, IR07MW25A, and IR07MW26A were reinstalled in March 2004, and the risk assessments used data from these wells. The amended ROD contains remediation alternatives to address the risk from chemicals in groundwater.]

- Effectiveness of SVE and ZVI treatability studies should be evaluated and included in an amended ROD if either is selected as a remedy for VOC-contaminated groundwater.
 - [The TMSRA evaluated SVE and ZVI treatability studies, and the amended ROD includes these technologies in remediation alternatives.]
- Enforceable land-use restrictions need to be developed before the remedy is complete.
 - [The amended ROD contains more detailed information on institutional controls.]

Radiological Issues and Recommendations.

- The first 5-year review indicated that the amended ROD should memorialize the methods and cleanup goals for radiological contaminants being addressed by the basewide radiological removal action.
- [Radiological issues were identified in the HRA ([NAVSEA 2004](#)) and were addressed in the radiological addendum to the TMSRA ([TtEC 2008a](#)). The amended ROD includes remediation alternatives to address radiological contamination.]

2.2.5.5 *Second Five-Year Review*

The second 5-year review builds on the first review completed in 2003 and focuses on Parcel B where remedial actions have been implemented. The second 5-year review was completed in 2008 ([Jonas and Associates 2008](#)). The second 5-year review describes the need to amend the remedy for Parcel B and discusses the revised remedial alternatives presented in the TMSRA and the radiological addendum to the TMSRA (which are further developed in this amended ROD).

TABLE

TABLE 2-1: HISTORY OF INVESTIGATIONS SINCE ROD

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Report Date	Title	Author	Activity Description and Effect on the 1997 ROD
Soil Remedy-Related Documents			
8/4/99	Nickel Screening and Implementation Plan	Tetra Tech	Evaluated ambient concentrations of nickel in soil across HPS; basis for change in nickel cleanup level included in the 2000 ESD
8/19/99	Remedial Design Documents	Tetra Tech and MK	Guided first phase of soil excavations from July 1998 to September 1999
2/20/01	Remedial Design Documents Amendment	Tetra Tech	Guided second phase of soil excavations from July 2000 to December 2001
3/28/03	Interpretation of Fill Conditions at IR-07 and IR-18	Tetra Tech	Characterized subsurface conditions using soil borings, geophysics, and historical aerial photographs; together with observations during remedial actions; this report established the nature of fill at IR-07 and IR-18
8/14/03	Wetlands Delineation and Functions and Values Assessment	Tetra Tech	Delineated the small wetland located near the IR-07 shoreline
3/17/04	Metals Concentrations in Franciscan Bedrock Outcrops	Tetra Tech and ITSI	Characterized metals concentrations in bedrock at off-site locations; supports the assessment of metals in bedrock-derived fill
3/23/04	Shoreline Characterization Technical Memorandum	Tetra Tech	Characterized shoreline sediments at IR-07 and IR-26; basis for distribution of chemicals in shoreline sediment and source of data used in the SLERA
8/31/04	Historical Radiological Assessment, Volume II, Use of General Radioactive Materials, 1939 to 2003	NAVSEA	Evaluated potential radiological contamination from use of general radioactive materials across HPS; established radiologically impacted areas at Parcel B
9/23/05	Soil Gas Survey Technical Memorandum	SES-TECH	Soil gas survey for evaluation of methane and total volatile organic compounds to assess nature and extent of concentrations in soil gas at IR-07 and IR-18; basis for presence of methane at IR-07
7/25/08	Construction Summary Report	ChaduxTt	Summary of 106 soil excavations conducted during phases I and II of remedial action (combines draft report and addendum)
11/08	Removal Action Completion Report for TCRA for Mercury at IR-26	Insight Environmental	Investigated mercury source to groundwater at IR-26; excavated more than 6,000 cubic yards of soil. Found and removed high mercury concentrations in soil near well IR26MW47A.
1/09	Removal Action Completion Report for TCRA for Methane at IR-07	Navy	Investigated methane source at IR-07; excavated more than 12,000 cubic yards of material to a depth of 27 feet. Found native materials or an unmarked sewer line as potential methane sources.

TABLE 2-1: HISTORY OF INVESTIGATIONS SINCE ROD (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Report Date	Title	Author	Activity Description and Effect on the 1997 ROD
Soil Remedy-Related Documents (Continued)			
Spring 2009	Removal Action Completion Report for TCRA for Radionuclides	Navy	Surveyed structures, former building sites, and radiologically impacted areas; decontaminated (and demolished) buildings and former building sites; excavated radiologically impacted storm drain and sanitary sewer lines; screened, separated, and disposed of radioactive anomalies and contaminated excavated materials at an off-site low-level radioactive waste facility.
Groundwater Remedy-Related Documents			
8/19/99	Remedial Action Monitoring Plan	Tetra Tech and MK	Guided groundwater monitoring program
2/19/01	Distribution of the Bay Mud Aquitard and Characterization of the B-Aquifer at Parcel B	Tetra Tech	Described distribution and characterization of the B-aquifer and the Bay Mud aquitard that separates the A- and B-aquifers
2/28/01	Storm Drain Infiltration Study	Tetra Tech	Investigated storm drains as conduits for migration of contaminated groundwater, as required by the ROD; investigation found lining storm drains or grouting bedding material was not necessary
4/17/03	Groundwater Investigation of Hexavalent Chromium at IR-10	Tetra Tech	Investigated the extent of chromium VI around well IR10MW12A; supports characterization of chromium VI
11/06	Technical Memorandum for Contamination Delineation at Remedial Unit C5	CE2	Investigated groundwater near Building 134 along the boundary between Parcels B and C; supports characterization of VOCs
6/00 - 7/08	Groundwater Monitoring Reports	various	Provided groundwater monitoring results; supports characterization of groundwater at Parcel B
Treatability Study Documents			
6/25/04	Cost and Performance Report for Zero-Valent Iron Injection Treatability Study, Building 123	ERRG and URS	Evaluated the performance of ZVI to treat VOCs in groundwater beneath Building 123; basis for use of ZVI in revised remedial alternatives
11/23/05	In Situ Sequential Anaerobic-Aerobic Bioremediation Treatability Study, Remedial Unit C5, Building 134, IR-25	Shaw	Evaluated injection of lactate and hydrogen to stimulate biological dechlorination of chlorinated solvents in groundwater; basis for use of lactate in revised remedial alternatives
11/10/06	Phase III Soil Vapor Extraction Treatability Study Report	ITSI	Expanded treatability study to evaluate soil vapor extraction for removal of TCE and other VOCs from soil beneath Building 123; basis for use of SVE in revised remedial alternatives

TABLE 2-1: HISTORY OF INVESTIGATIONS SINCE ROD (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Report Date	Title	Author	Activity Description and Effect on the 1997 ROD
Regulatory Documents			
10/7/97	Record of Decision (ROD)	Navy	Original record of decision
8/24/98	Explanation of Significant Differences	Navy	Revised remedy to include excavation to 10 feet below ground surface instead of to the groundwater table
5/4/00	Explanation of Significant Differences	Navy	Updated soil cleanup levels
12/10/03	First Five-Year Review of Remedial Actions Implemented at HPS	Tetra Tech	Assessed whether remedy at Parcel B is or will be protective
12/12/07	Technical Memorandum in Support of a Record of Decision Amendment	ChaduxTt	Explained the need for a ROD amendment and feasibility study of revised remediation alternatives
3/14/08	Technical Memorandum in Support of a Record of Decision Amendment Radiological Addendum	TtEC	Evaluated remediation alternatives to address radionuclides
6/28/08	Proposed Plan in Support of an Amended ROD	Navy	Presented revised selected remedy for public comment

Notes: Draft reports are listed when final reports are not yet published. Future dates are planned targets.

CE2	CE2 Corporation	SLERA	Screening-level ecological risk assessment
ERRG	Engineering/Remediation Resources Group, Inc.	TCE	Trichloroethene
HPS	Hunters Point Shipyard	TCRA	Time-critical removal action
IR	Installation Restoration	Tetra Tech	Tetra Tech EM Inc.
IT Corp.	International Technology Corporation	TtEC	Tetra Tech EC, Inc.
ITSI	Innovative Technical Solutions, Inc.	URS	URS Corporation
MK	Morrison Knudsen Corporation	VOC	Volatile organic compound
NAVSEA	Naval Sea Systems Command	ZVI	Zero-valent iron
ROD	Record of decision		

3.0 COMMUNITY PARTICIPATION

This section discusses the community participation activities that have been undertaken for Parcel B since the 1997 ROD. A community involvement plan was developed to document interests, issues, and concerns raised by the community in regard to the ongoing investigation and cleanup at HPS and to describe a specific community relations program designed to address community issues and concerns (ITSI and Tetra Tech 2004). The initial plan was prepared in May 1996 and was revised in 2003 and 2004. The revisions incorporated the most recent assessment of community issues, concerns, and informational needs related to the ongoing environmental investigation and remediation program at HPS.

3.1 RESTORATION ADVISORY BOARD

In 1993, pursuant to the Defense Environmental Restoration Program, 10 U.S.C. § 2705(d), the Navy formed a Restoration Advisory Board (RAB). Original membership in the board included regulatory agency staff, business and homeowner representatives, residents, and local elected officials whom the Navy solicited through newspaper notices.

The RAB currently consists of members of the Navy, the community, and the regulatory agencies. The RAB meetings occur monthly and are open to the public. Meetings are held in the evenings after normal working hours in the Alex L. Pitcher, Jr. Room at the Southeast Community Facility Commission Building located at 1800 Oakdale Avenue in San Francisco. RAB members review and comment on technical documents.

The Navy and regulatory agencies report information about Parcel B, including the availability of documents, to the RAB members during the monthly RAB meetings. Copies of the RAB meeting minutes and documents describing environmental investigations and removal actions are available at the following HPS information repositories and administrative record file locations:

San Francisco Main Library
100 Larkin Street
Government Information Center, 5th Floor
San Francisco, California 94102
Phone: (415) 557-4500

Anna E. Waden Bayview Library
5075 Third Street
San Francisco, California 94124
Phone: (415) 355-5757

Administrative Record
Naval Facilities Engineering Command, Southwest
Attention: Diane Silva, FISC Building 1, 3rd Floor
937 N. Harbor Drive
San Diego, California 92132-5190
Phone: (619) 532-3676

RAB meeting minutes also are available at the Navy BRAC Program Management Office web site at: <http://www.bracpmo.navy.mil/default.aspx>.

3.2 PUBLIC MAILINGS

Public information updates in the form of mailings, fact sheets, newsletters, and proposed plans, are used to ensure a broad dissemination of information throughout the local community. Information updates announcing the IR Program process at HPS are mailed to residents surrounding HPS and to city, state, and federal officials; regulatory agencies; local groups; and individuals identified in the Community Involvement Plan since May 1996 ([PRC 1996a](#), [ITSI and Tetra Tech 2004](#)). The fact sheets, newsletters, and proposed plans are mailed to approximately 2,700 households, businesses, public officials, and regulatory agencies in an effort to reach as many community members as possible. [Table 3-1](#) summarizes the HPS fact sheets, newsletters, and proposed plans related to Parcel B prepared since the 1997 ROD.

3.3 COMMUNITY PARTICIPATION

Related to the 1997 ROD. The original proposed plan was submitted to the public on October 16, 1996, to provide information and solicit public input on the Navy's recommended action ([Navy 1996](#)). A public comment period for Parcel B was held from October 24, 1996, to November 25, 1996, and was extended at the request of the community to December 26, 1996. A public meeting was held on November 13, 1996. A notice of the availability of the proposed plan was published in the *San Francisco Chronicle* on October 24, 1996, and in the *Independent* on October 25, 1996. A notice of the extension of the public comment period was published in the *Independent* on November 26, 1996, and in the *New Bayview* on December 6, 1996. Responses to written comments received during the public comment period were included in the responsiveness summary as Appendix B of 1997 ROD.

Related to this Amended ROD. This amended ROD is based on investigations conducted since the 1997 ROD (see [Table 2-1](#) for documents and release dates) and on the final TMSRA which was released to the public in December 2007 ([ChaduxTt 2007](#)). The proposed plan to support the amended ROD was submitted to the public on June 28, 2008, to provide information and solicit public input on the Navy's recommended action ([Navy 2008a](#)). These documents are available to the public at the information repositories maintained at the San Francisco Main Library and Anna E. Waden Bayview Library and at the administrative record file. The information repository at the San Francisco Main Library also contains a complete index of the administrative record file (see [Attachment A](#)), along with information about how to access the complete file at the Naval Facilities Engineering Command Southwest offices in San Diego, California.

A public comment period for Parcel B was held from June 28, 2008, to July 28, 2008. A public meeting was held on July 8, 2008. A notice of the public comment period and public meeting was published in the *San Francisco Examiner* on July 5, 2008 and the *San Francisco Bayview* on July 2, 2008. [Attachment B](#) contains a copy of the public notice.

At the public meeting, the BRAC environmental coordinator and the Navy remedial project manager gave presentations on the conditions at Parcel B, and representatives from the Navy and environmental regulatory agencies were available to answer questions. A court reporter prepared a transcript of the meeting (see [Attachment B](#)). Responses to written comments received during the public comment period are included in the responsiveness summary as part of this amended ROD (see [Attachment C](#)).

TABLE

TABLE 3-1: SUMMARY OF HUNTERS POINT SHIPYARD FACT SHEETS AND NEWSLETTERS
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Date	Title
Fact Sheets	
May 2001	Hunters Point Annex Radiological Activities Summary
June 2001	Parcel B Sandblast Grit Fact Sheet
July 2001	Hunters Point Shipyard Formerly Utilized Defense Sites
March 2003	Hunters Point Shipyard Historical Radiological Assessment Fact Sheet
May 2003	Hunters Point Shipyard Historical Radiological Assessment Fact Sheet
September 2003	Hunters Point Shipyard Historical Radiological Assessment Fact Sheet
October 2003	Hunters Point Shipyard Historical Radiological Assessment Fact Sheet
November 2003	Hunters Point Shipyard Historical Radiological Assessment Fact Sheet
February 2004	Hunters Point Shipyard Historical Radiological Assessment Fact Sheet
March 2004	Hunters Point Shipyard Historical Radiological Assessment Fact Sheet
Newsletters	
March 1994	Hunters Point Annex Environmental Cleanup News Issue
October 1994	Hunters Point Annex Environmental Cleanup News Issue
January 1995	Hunters Point Annex Environmental Cleanup News Issue
June 2000	What is Hunters Point Shipyard
September 2000	Parcel B Cleanup Moving Forward
April – June 2001	Environmental Cleanup
October – December 2001	Parcel B Remedial Action
January – March 2002	Environmental Cleanup
April – September 2002	Environmental Cleanup
Proposed Plan	
October 1996	Proposed Plan
June 2008	Revised Proposed Plan

Note:

The Navy also provides monthly progress reports (MPR) to the community on an on-going basis (11 times per year). Preparation of MPRs began in March 2005. MPRs are distributed at monthly meetings of the Restoration Advisory Board.

4.0 SCOPE AND ROLE OF THE RESPONSE ACTION

HPS is a large federal facility that contains several potential source areas. Sites on HPS have been grouped into ten parcels — Parcels B, C, D-1, D-2, E, E-2, F, G, UC-1, and UC-2 — to facilitate the investigation, remediation, and property transfer process under BRAC. The Navy transferred former Parcel A to the San Francisco Redevelopment Agency in December 2004. Parcel D was further subdivided into D-1, D-2, G, and UC-1; Parcel C was subdivided into C and UC-2. This amended ROD addresses Parcel B. RODs are planned for all parcels at HPS. The current FFA schedule for these RODs is presented below.

Parcel	Anticipated Final ROD Approval Date
B	January 2009
C	August 2009
D-1	July 2009
D-2	March 2009
E	January 2011
E-2	March 2010
F	July 2011
G	February 2009
UC-1	July 2009
UC-2	July 2009

This amended ROD for Parcel B is intended to address all the risks posed by contaminated media at Parcel B. VOCs are present in groundwater at Parcel C in IR-25, near the southeastern boundary of Parcel B. However, the current locations of these VOC plumes do not extend into Parcel B (see [Figure 7-3](#)), and active groundwater treatment is not proposed at Parcel B for groundwater near the boundary with Parcel C. The VOC plumes at IR-25 will be addressed in the Parcel C ROD. Petroleum-contaminated areas of Parcel B are not part of this amended ROD and are currently addressed under the HPS TPH program, with regulatory oversight provided by the Water Board. Actions at Parcel B under the TPH program are guided by the final corrective action plan ([Shaw 2008](#)). The Navy will evaluate the TPH contamination in the commingled areas using the same methodology and cleanup goals used in the correction action plan for petroleum hydrocarbons for Parcel B ([Shaw 2008](#)). Any additional actions resulting from that evaluation will be conducted together with the other cleanup actions currently proposed for TPH-contaminated areas.

5.0 SITE CHARACTERISTICS

This section summarizes information on the physical features, ecology, geology, hydrogeology, and the nature and extent of contamination in soil and groundwater at Parcel B. A complete discussion of evaluation methods, sampling locations, chemicals detected, nature and extent of contamination, fate and transport, and evaluation of human and ecological risks is presented in the remedial investigation (RI) report (PRC and others 1996), feasibility study (FS) report (PRC 1996b), and the TMSRA (ChaduxTt 2007).

5.1 PHYSICAL FEATURES

More than 80 percent of HPS consists of relatively level lowlands that were mostly constructed by placing borrowed fill material from a variety of sources, including serpentinite bedrock from the shipyard, construction debris, and waste materials (such as used sandblast materials). The fill supported new buildings, construction, and in some cases filled the margin of San Francisco Bay. Most of Parcel B is located in the lowlands, with surface elevations between 0 to 10 feet above mean sea level. About 75 percent of the ground surface at Parcel B is covered by pavement and buildings; the western portion (IR-07 and IR-18) is unpaved and without structures. There is no surface water on Parcel B. The shoreline at Parcel B includes a mix of sandy beach and riprap (shoreline of Redevelopment Block BOS-1), concrete and wooden seawalls (Block BOS-2), and riprap and concrete seawalls (Block BOS-3) (see Figure 1-3).

5.2 ECOLOGY

Most of Parcel B is covered by pavement and buildings. With little open space for flora and fauna, Parcel B is considered to have insignificant terrestrial habitat value. No threatened or endangered species are known to inhabit HPS or its vicinity (PRC 1996b). However, ecological receptors may inhabit or use the shoreline areas at Redevelopment Blocks BOS-1 and BOS-3.

The shoreline of Block BOS-1 consists of about 1.5 acres that coincides with the southern portion of the India Basin. This shoreline area includes approximately 1,300 square feet (ft²) of tidal marsh wetlands. The shoreline of Block BOS-3 consists of about 0.3 acre on the peninsula known as Point Avisadero (see Figure 1-3). The shoreline of Block BOS-3 is nearly completely covered by riprap for erosion control, with little or no interstitial soil between individual rocks, or consists of the concrete wall of a dry dock. Field observations found that mainly invertebrates and birds use the shoreline habitat.

Avian species reported or expected to forage along the shoreline or in adjacent offshore areas include the black-bellied plover, black turnstone, sanderling, long-billed curlew, dunlin, double-crested cormorant, surf scoter, American kestrel, red-tailed hawk, and peregrine falcon (Tetra Tech and Levine-Fricke-Recon, Inc. [LFR] 2000). Mammals observed in or expected to use the Parcel B shoreline include the California ground squirrel and the house mouse.

5.3 GEOLOGY

The peninsula that forms HPS is within a northwest-trending belt of Franciscan Complex bedrock known as the Hunters Point Shear Zone. HPS is underlain by five geologic units: the youngest of Quaternary age; and the oldest, the Franciscan Complex bedrock, of Jurassic-Cretaceous age. In general, the stratigraphic sequence of these geologic units, from youngest (shallowest) to oldest (deepest), is as follows: Artificial Fill; Undifferentiated Upper Sand Deposits; Bay Mud Deposits; Undifferentiated Sedimentary Deposits; and Franciscan Complex Bedrock.

Artificial Fill covers the entire surface, except for colluvium and alluvium on the hillside at the southern edge. The Bay Mud separates the Undifferentiated Upper Sands and the Artificial Fill from the lower Undifferentiated Sedimentary Deposits over most of Parcel B; however, the Bay Mud is absent in some areas in the western and central portions of the parcel, and these two formations directly contact each other in those areas. The eastern portion of Parcel B that includes the peninsula called Point Avisadero is characterized by a thin layer of Artificial Fill over bedrock.

The Franciscan Complex contains a variety of rock types, including basalt, chert, sandstone, shale, and serpentinite. Some of these rock types contain wide-ranging concentrations of naturally occurring metals; serpentinite also contains naturally occurring asbestos minerals.

5.4 HYDROGEOLOGY

The hydrostratigraphic units at HPS include (1) the A-aquifer, (2) the aquitard, (3) the B-aquifer, and (4) the deep bedrock water-bearing zone. The A-aquifer at Parcel B consists mainly of unconsolidated Artificial Fill that overlies the aquitard and bedrock and forms a continuous zone of unconfined groundwater across the parcel. Alluvium and colluvium, Undifferentiated Upper Sand Deposits, and shallow bedrock also are part of the A-aquifer at various locations across Parcel B. The A-aquifer generally thickens from about 15 feet in the southwest to as much as 80 feet in the northeast, but averages about 25 feet thick over most of Parcel B.

The B-aquifer consists mainly of Undifferentiated Sedimentary Deposits that overlie bedrock or are contained within the Bay Mud Deposits at a few locations near the bay margin. The B-aquifer is not continuous across Parcel B but exists primarily in two separate areas — along the western parcel boundary, and in a portion of the central area of the parcel. The semiconfined B-aquifer includes interbedded sands and clayey silts and ranges in thickness from about 5 to 15 feet where it is present and averages 10 feet thick. The bedrock water-bearing zone is not considered an aquifer because of its low capacity for water production (primarily from fractures).

Bay Mud Deposits act as an aquitard that separates the A- and B-aquifers over most of the parcel, except for part of the western portion and some of the central portion, where the Bay Mud is absent and the A- and B-aquifers are adjacent. Hydraulic communication is restricted, although not prevented, in areas where Bay Mud Deposits are present, and the potential for communication between the A- and B-aquifers is greater where the Bay Mud Deposits are absent. However, previous investigations ([Tetra Tech 2001a](#)) concluded that, although lithologic data suggest the potential for communication, chemical results do not indicate communication exists. The Bay Mud Deposits generally thicken from where they pinch out against the historical

shoreline in the southwest to 40 feet near the bay margin in the northeast. Dredging has removed the Bay Mud and B-aquifer at various locations across Parcel B. Nearly all the groundwater monitoring wells at Parcel B are screened in the A-aquifer. Only two wells are screened in the B-aquifer, and no wells at Parcel B are screened in the bedrock water-bearing zone.

In general, groundwater flows from south to north, toward San Francisco Bay. Based on tidal influence studies conducted during the RI (PRC and others 1996) and the FS (PRC 1996b), the tidal influence zone extends inland up to about 300 feet from the shoreline. Tidal influence may also mix groundwater with bay water, but mixing usually does not occur as far inland as do the fluctuations in groundwater elevation.

5.5 NATURE AND EXTENT OF CONTAMINATION

Activities associated with known or potential chemical releases at Parcel B were identified and environmental investigations were conducted to identify and assess the nature and extent of contaminants in soil, groundwater, and sediment (see Section 2.2.2).

5.5.1 Soil

The nonradioactive chemicals of concern (COC) in soil at Parcel B after the remedial and removal actions of 1998 through 2005 have not changed substantially compared with those identified in the 1997 ROD and the subsequent RD. However, radioactive COCs have been identified at Parcel B since the 1997 ROD. (Refer to Section 5.5.4 for a discussion of radioactive COCs.) Table 5-1 lists the broad categories of nonradioactive COCs in soil at Parcel B, potential sources for these chemicals, and volumes of soil removed during previous remedial actions. Although the list of nonradioactive COCs has not changed significantly, the volume of soil contaminated by these COCs, and especially by organic chemicals, is much smaller now than in 1997. The Navy's knowledge of the distribution of inorganic chemicals in native soil and artificial fill has increased greatly as a result of the extensive excavations and sampling at Parcel B since 1998. In particular, the ubiquitous nature of metals in fill is much clearer now than during the initial design of the remedial action and is a large part of the reason for the reevaluation of the soil remedy considered in this amended ROD. Table 5-2 summarizes concentrations of nonradioactive COCs remaining in soil at Parcel B.

In this document, the term “ubiquitous” refers to metals that are naturally occurring or are in the same concentration ranges as naturally occurring metals in the source material (including material from the same geologic formations in the San Francisco area) used for filling at HPS. The Navy acknowledges that industrial sources of metals exist at HPS, and there is a potential that some concentrations of metals could have sources other than naturally occurring materials. The Navy has worked to remove these sources during the response actions taken to date. The Navy acknowledges that the regulatory agencies do not agree with the Navy's position that ubiquitous metals are naturally occurring. Remedial alternatives developed in this amended ROD address these concentrations of metals, regardless of their source.

The original conceptual site model for Parcel B assumed that the distribution of contaminants was the result of discrete releases of chemicals (the “spill model”) from industrial activities by the Navy or other tenants, except for several ubiquitous metals present throughout Parcel B.

However, the spill model for chemical releases does not apply to the debris fill at IR-07/18 or for other areas where quarried native rock was used as fill. Although the Navy successfully achieved the 1997 ROD remediation goals at the majority of excavations conducted during the remedial actions, the conceptual site model needed to account for the ubiquitous nature of metals contained in the fill used to construct many areas of Parcel B, and to address the use of debris as fill at IR-07/18. The remedial alternatives proposed in the amended ROD address these changes to the conceptual site model.

5.5.2 Groundwater

The characterization of COCs in groundwater at Parcel B has increased greatly since the 1997 ROD. The implementation of the RAMP in 1999 and the subsequent, continuous quarterly monitoring have increased the knowledge of the distribution of chemicals in groundwater.

The COCs in groundwater have not changed considerably since 1997; however, much more is known about the distribution and concentrations of COCs. No chemical plumes in groundwater were identified in the 1997 ROD. However, subsequent sampling found concentrations of VOCs in the area of IR-10 to be an order of magnitude higher than was known when the ROD was prepared and to form a recognizable plume. This new information contributed to the need to amend the original ROD. [Table 5-3](#) summarizes concentrations of COCs in groundwater based on samples collected through November 2004. The Navy also has reviewed the results of samples collected after November 2004 and has found that the post-2004 data are consistent in terms of COCs and would not change the updated groundwater characterization. The Navy will review current data from groundwater samples during the RD to focus the remediation activities for groundwater.

COCs in groundwater in the A-aquifer include (1) VOCs, especially trichloroethene and its breakdown products, (2) chromium VI, and (3) mercury. An additional screening evaluation of surface water quality to evaluate potential ecological risks from exposure to groundwater as it interacts with surface water indicated that potential risk may be posed by chromium VI, copper, lead, and mercury. Some of these COCs are found in samples from multiple wells and represent plumes in groundwater. Other COCs are found in only individual wells and are not referred to as plumes. [Figure 5-1](#) shows the locations of VOCs, chromium VI, and mercury in groundwater at Parcel B. Copper and lead were detected infrequently at individual wells with no defined groundwater plumes. Groundwater data are published regularly as part of the ongoing monitoring program (for example, see [CE2 Kleinfelder 2008](#)).

The areal extent of the IR-10A VOC plume near Building 123 is stable, and concentrations within the plume are decreasing as the result of ZVI injection during treatability study testing in 2003 and 2004. Maximum concentrations of VOCs measured in samples collected during November 2004 include 340 micrograms per liter ($\mu\text{g/L}$) of trichloroethene, 200 $\mu\text{g/L}$ of cis-1,2-dichloroethene, and 170 $\mu\text{g/L}$ of vinyl chloride. Current maximum concentrations of these VOCs measured in samples collected in October 2007 are lower than were measured in November 2004: 5 $\mu\text{g/L}$ for trichloroethene, 93 $\mu\text{g/L}$ for cis-1,2-dichloroethene, and 23 $\mu\text{g/L}$ for vinyl chloride. The continued effects from the ZVI treatment may be responsible for the ongoing decline in VOC concentrations.

The plume of chromium VI (IR-10B) near Building 123 was found to be confined to a single well (IR10MW12A) during a delineation investigation in 2002. (Refer to Appendix H of the TMSRA for more details.) The maximum concentration of chromium VI detected at well IR10MW12A was 680 µg/L (in a sample collected in December 2005). Well IR10MW12A was decommissioned in July 2006 and replaced by well IR10MW82A, located about 13 feet northeast of former well IR10MW12A. Chromium VI was not detected at the reporting limit of 0.5 µg/L in samples collected from well IR10MW82A in August and October 2007. These data indicate that the plume of chromium VI is stable and limited in size.

Groundwater samples from well IR26MW47A have indicated consistent detections of mercury since March 2002, when the well was installed. Mercury concentrations ranged up to 3.1 µg/L (measured in October 2007). Mercury was also detected in groundwater samples collected at new well IR26MW49A that was installed in July 2006 downgradient from well IR26MW47A. Concentrations of mercury in samples collected from well IR26MW49A range from about 1 to 2.5 µg/L in samples collected since this well was installed. Mercury detections in samples from wells IR26MW47A and IR26MW49A may be related to mercury observed in soil samples at nearby Excavation EE-05. Mercury in soil deeper than 10 feet bgs at Excavation EE-05 is suspected as a source to groundwater. The Navy decided to conduct a TCRA to address the mercury source area, and remedial alternatives in this amended ROD consider options to address mercury in groundwater in this area. The TCRA found high concentrations of mercury in soil samples collected near well IR26MW47A. These soils were the likely source of the elevated concentrations of mercury measured in groundwater samples collected at wells IR26MW47A and IR26MW49A.

The surface water quality evaluation indicated that copper and lead were COCs (copper at well IR07MW20A2 and lead at wells IR07MWS-2 and IR26MW48A). Detections of copper and lead in groundwater samples collected from these wells were infrequent and sporadic; however, copper and lead were conservatively included as COCs, and remedial alternatives in this amended ROD consider options to address copper and lead in groundwater in these areas.

5.5.3 Sediment

The Navy investigated the nature and extent of chemicals in sediments along the shoreline at IR-07 and IR-26 ([Tetra Tech and ITSI 2004b](#)). COCs in sediment include metals, pesticides, polychlorinated biphenyls (PCB), and polycyclic aromatic hydrocarbons (PAH). [Table 5-4](#) summarizes concentrations of COCs sediment.

5.5.4 Radionuclides

The Navy investigated the use of radionuclides at HPS under the HRA ([NAVSEA 2004](#)). Radiological surveys have been performed on the grounds and buildings at Parcel B to assess the extent of contamination and the types of radionuclides present. The HRA lists the structures and areas considered to be radiologically impacted. The potential for residual radioactive contamination at each impacted site was identified through an evaluation of historical information, previous radiological survey results, and site reconnaissance. [Table 5-5](#) lists the radiologically impacted buildings, former building sites and areas, and infrastructure

(sanitary sewers and storm drains) at Parcel B and the radionuclides potentially present. [Table 5-5](#) also lists the status of radiological surveys at each building or site. [Figure 5-2](#) shows the locations of radiologically impacted areas and buildings. Detailed descriptions of the assessments of residual contamination from radiological operations are contained in the HRA ([NAVSEA 2004](#)) and the radiological addendum to the TMSRA ([TtEC 2008a](#)). Additional cleanup has occurred at many of these areas as part of the Navy's TCRA for radionuclides. The resulting changes to the status of these areas will be presented in the final status survey report for each area.

The HRA identified the potential radionuclides of concern at Parcel B; these chemicals include cobalt-60 (^{60}Co), strontium-90 (^{90}Sr), cesium-137 (^{137}Cs), radium-226 (^{226}Ra), and plutonium-239 (^{239}Pu) ([NAVSEA 2004](#)). The potential sources of contamination included (1) potential disposal of decontamination materials from ships used during atomic weapons testing in the South Pacific during the 1950s that were decontaminated at the shipyard, (2) radiological decontamination of personnel, (3) storage of samples from atomic weapons testing, (4) radiological sample counting, (5) storage and disposal of radioluminescent devices, (6) non-destructive testing and gamma radiography, and (7) storage of low-level radioactive waste.

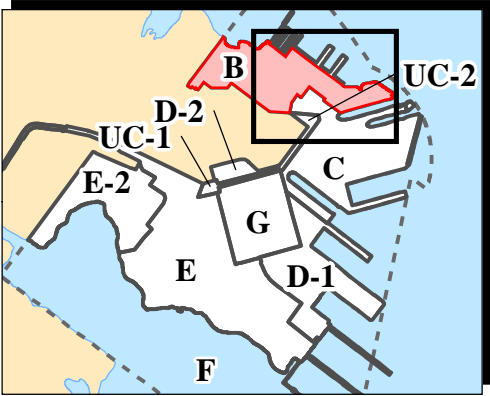
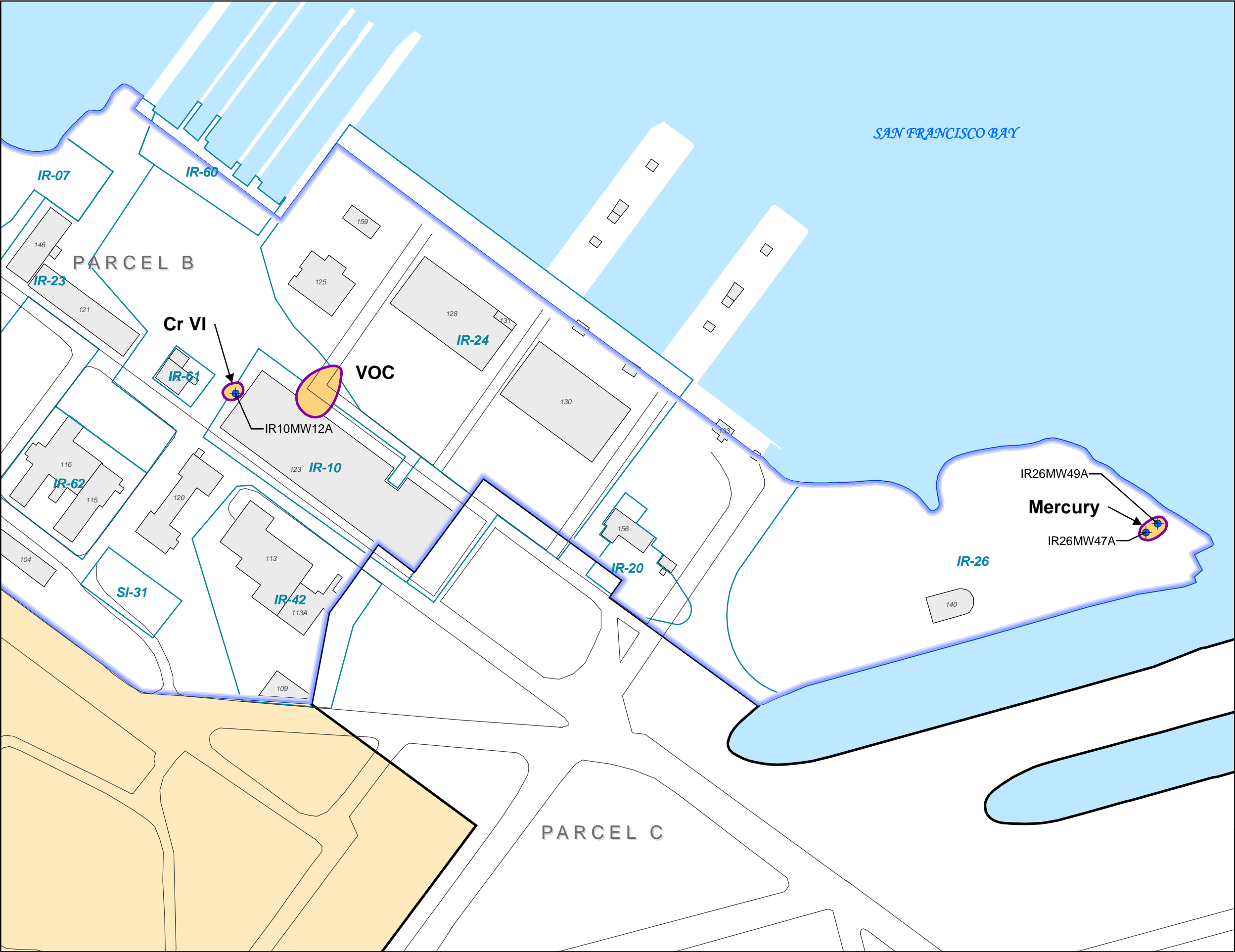
IR Sites 7 and 18

The HRA identified the land areas at IR-07 and IR-18 as radiologically impacted ([NAVSEA 2004](#)) because:

- The areas were used as disposal sites for excess large-scale shipyard waste as part of specific fill operations conducted in that area to expand the shoreline; and
- The Navy had limited controls for disposal of certain types of radioactive materials in place at the time of the shoreline expansion which would have allowed for land disposal of certain types of radioactive materials. For example, sandblast grit used in decontamination of ships that participated in atomic weapons testing during the 1950s may have been disposed of along with other fill materials.

The Navy has conducted a more comprehensive review of the shoreline expansion at IR-07 and IR-18 and has concluded that atomic weapons testing in the South Pacific, which occurred in July and August 1946, was before the initial shoreline expansion. Decontamination of ships associated with atomic weapons testing began in September 1946 and continued through 1951 when the USS INDEPENDENCE was sunk at sea. Furthermore, the southern portion of IR-18 was used for housing during the 1940s (including 1946) and it is unlikely that any radiological contamination would be associated with that area. Consequently, the Navy has concluded that the portion of IR-07 and IR-18 that was filled after 1946 will be considered radiologically impacted (see [Figure 5-2](#)).

FIGURES



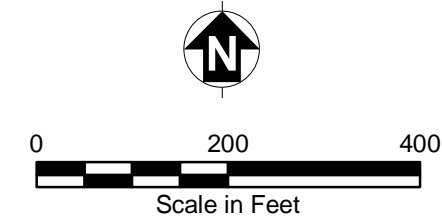
Location Map

- Groundwater Monitoring Well
- IR or SI Site
- Approximate Extent of Current Groundwater Plume
- Parcel B Boundary
- Other Parcel Boundary
- Non-Navy Property
- Building
- San Francisco Bay

Notes:

Cr VI Chromium VI
IR Installation Restoration
SI Site Inspection
VOC Volatile organic compound

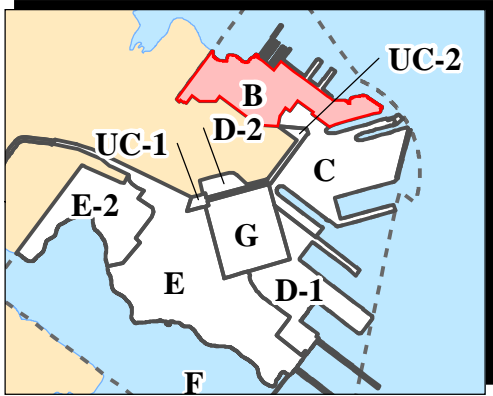
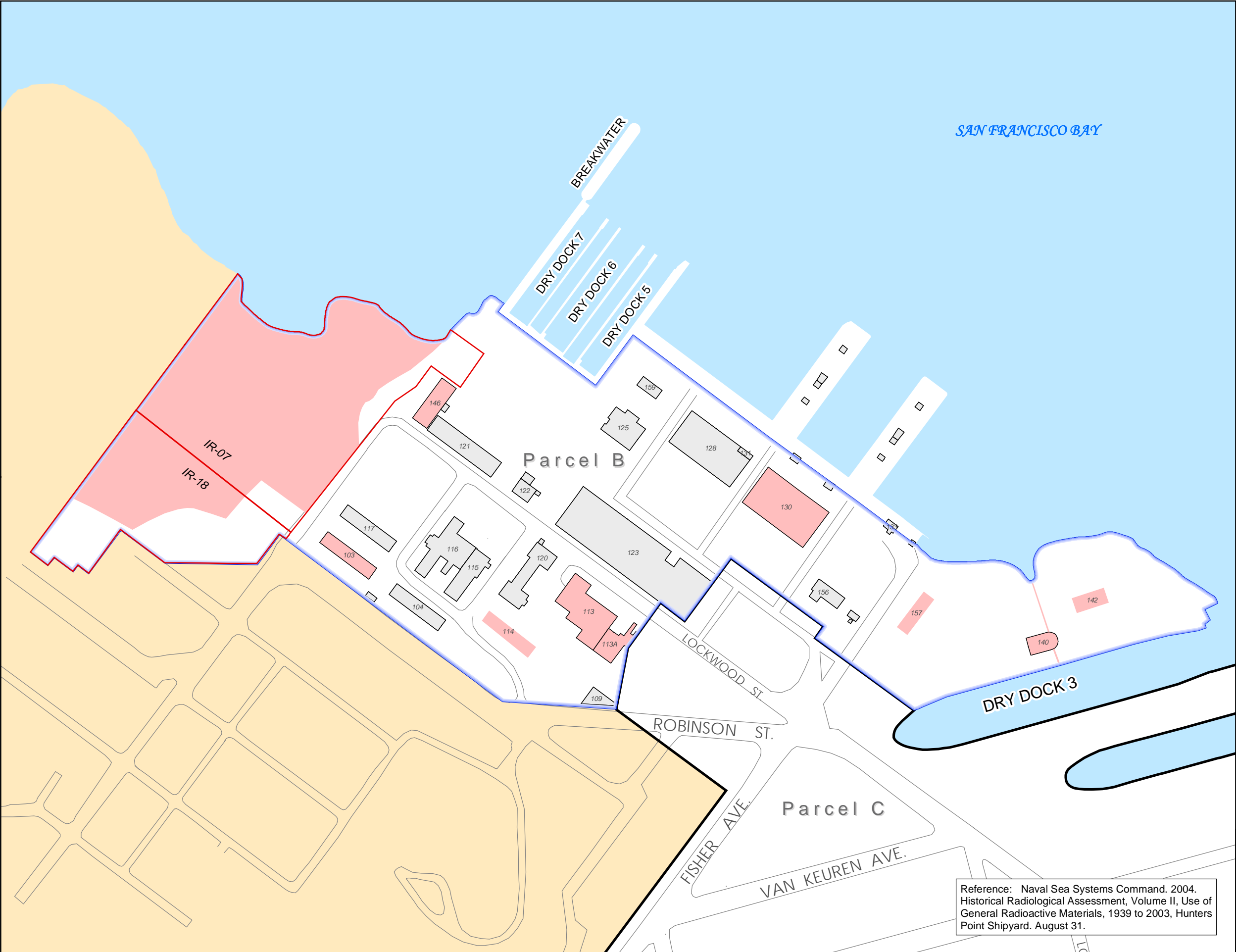
Plume locations based on detected concentrations in samples collected in March 2007.



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

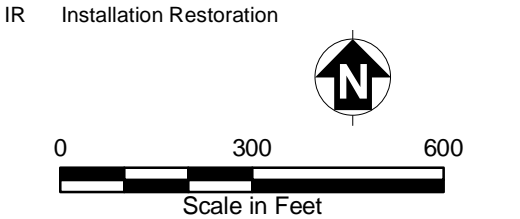
**FIGURE 5-1
LOCATION OF CURRENT
GROUNDWATER PLUMES AT PARCEL B**

Amended ROD for Parcel B



- Location Map
- Road
 - Radiologically Impacted Areas¹
 - IR Sites IR-07 and IR-18
 - Parcel B Boundary
 - Other Parcel Boundary
 - 128 Building
 - San Francisco Bay
 - Non-Navy Property

- Notes:
- As defined in the Historical Radiological Assessment (modified at IR Sites 7 and 18)
 - Buildings 114, 142, and 157 have been demolished.
 - Ship berths, dry docks, and piers are considered to be radiologically impacted, but are considered part of Parcel F.
 - Storm drains and sanitary sewers are also radiologically impacted. Refer to the individual radiological survey unit reports for the locations of radiologically impacted storm drains and sanitary sewers at Parcel B.
 - Recent surveys indicate that only the suction channel connecting Building 140 and Dry Dock 3 may be radiologically impacted. See Figure 9-8 for the location of the suction channel.



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

Reference: Naval Sea Systems Command. 2004. Historical Radiological Assessment, Volume II, Use of General Radioactive Materials, 1939 to 2003, Hunters Point Shipyard. August 31.

**FIGURE 5-2
RADIOLOGICALLY IMPACTED
AREAS AND BUILDINGS**

Amended ROD for Parcel B

TABLES

TABLE 5-1: OVERVIEW OF CHEMICALS REMAINING IN SOIL

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Site Name ^a	Redevelopment Blocks ^b	Site Description	Chemicals of Concern ^c	Possible Sources ^d	Volume of Contaminated Soil Removed ^e (Cubic Yards)
IR-07	2, 3, BOS-1	Sub-Base Area	Metals, SVOCs, TPH, pesticides, and PCBs	Disposal of sandblast waste, disposal of waste oil at IR-07 and IR-18, and bedrock-derived fill	52,500
IR-10	8	Building 123 (Battery and Electroplating Shop)	Metals, VOCs, SVOCs, TPH, and PCBs	Naturally occurring or anthropogenic metals, releases of waste acids and plating solutions into the floor drains inside Building 123, leaks from acid drain lines	1,400
IR-18	1, 2, BOS-1	Waste Oil Disposal Area	Metals, SVOCs, TPH, pesticides, and PCBs	Disposal of waste oil containing lead or placement of lead-contaminated fill material, disposal of waste oil, and bedrock-derived fill	22,000
IR-20	12	Building 156 (Rubber Shop)	Metals, VOCs, SVOCs, and PCBs	Naturally occurring or anthropogenic metals and storage of waste oils and chemicals in Building 156	3,100
IR-23	5, 6, BOS-1, BOS-2	Building 146 (Tactical Air Navigation Facility), Building 161 (Maintenance Service), Building 162 (Paint Storage), and Tank S-136	Metals, VOCs, SVOCs, pesticides, and PCBs	Petroleum hydrocarbon surface spill and naturally occurring or anthropogenic metals	2,800
IR-24	9, 12, BOS-2	Building 124 (Acid Mixing Plant), Building 125 (Submarine Cafeteria), and Buildings 128 and 130 (Machine Shop)	Metals, VOCs, SVOCs, TPH, and PCBs	Naturally occurring or anthropogenic metals, lead-containing fuel and waste paint, releases of diesel fuel and lubrication oil along the distribution pipelines that make up IR-46, and leakage of fuel from the fuel distribution lines	4,200
IR-26	15, 16, BOS-3	Building 157 (Nondestructive Testing Laboratory) and Area XIV	Metals, VOCs, SVOCs, pesticides, and PCBs	Naturally occurring or anthropogenic metals and petroleum-related contamination	7,500
IR-42	7	Building 109 (Police Station), Building 113 (Tug Maintenance Shop and Salvage Divers Shop), and Building 113A (Machine Shop, Torpedo Maintenance Shop, Tug Maintenance Shop, and Electrical Substation)	Metals, SVOCs, and PCBs	Naturally occurring or anthropogenic metals and petroleum-related contamination	300
IR-46 (Fuel Lines)	9, 12, BOS-2	Fuel Distribution Lines	Metals, SVOCs, TPH, and PCBs	Naturally occurring or anthropogenic metals, releases from fuel line system, spilled fuel or oil from tanks and distribution pipelines, diesel fuel and lube oil pipelines (and waste fuel and oil lines), and other petroleum-related contamination	19,100

TABLE 5-1: OVERVIEW OF CHEMICALS REMAINING IN SOIL (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Site Name ^a	Redevelopment Blocks ^b	Site Description	Chemicals of Concern ^c	Possible Sources ^d	Volume of Contaminated Soil Removed ^e (Cubic Yards)
IR-60	BOS-2	Dry Docks 5, 6, and 7	Metals and SVOCs	Naturally occurring or anthropogenic metals and ship painting	600
IR-61	6	Building 122 (Electrical Substation V and Compressor Plant)	Metals and PCBs	Naturally occurring or anthropogenic metals and transformer release of PCBs	100
IR-62	4, 5	Buildings 115 and 116, Submarine Training Buildings and School	None ^f	Not applicable	Not applicable
SI-31	7	Building 114, Offices	None ^f	Not applicable	Not applicable
SI-45	7	Steam Line System	None ^f	Not applicable	Not applicable

Notes:

- a IR-06 is not included in this table because it will be addressed as part of Parcel C and will be evaluated in future 5-year reviews that will be issued after a Parcel C ROD. Although portions of IR-50 (storm drain and sanitary sewer systems) and IR-51 (former transformer sites) within Parcel B are addressed by the Parcel B ROD, information on contamination associated with these sites is presented with the IR sites that contain the contamination associated with IR-50 and IR-51.
- b Redevelopment blocks based on 1997 redevelopment plan (SFRA 1997). Reuse areas and redevelopment blocks may change in the future.
- c Chemical groups listed include chemicals evaluated in the human health risk assessment; these chemicals also exceed the soil cleanup levels defined in the ROD (Navy 1997) and subsequent ESDs (Navy 1998, 2000). Radionuclides are also chemicals of concern in soil; refer to [Table 5-5](#) for a listing of radionuclides of concern by redevelopment block at Parcel B.
- d Sources listed were identified in the Parcel B remedial investigation and feasibility study (PRC, HLA, Levine-Fricke, and Uribe and Associates 1996; PRC 1996), and information gathered during the remedial action.
- e Volumes of contaminated soil are based on the volumes excavated according to the construction summary report (ChaduxTt 2008) and TPH closeout report (TPA-CKY Joint Venture 2005), and other estimates from remedial action activities.
- f No chemicals were detected at levels that exceed remedial action objectives defined in the ROD (Navy 1997) and subsequent ESDs (Navy 1998, 2000). IR-62 contained only fuel-related contamination that was not commingled with chemicals identified in the ROD and ESDs.

ESD	Explanation of significant difference	PRC	PRC Environmental Management, Inc.	SVOC	Semivolatile organic compound
HLA	Harding Lawson Associates	ROD	Record of decision	TPH	Total petroleum hydrocarbons
IR	Installation Restoration	SI	Site inspection	VOC	Volatile organic compound
PCB	Polychlorinated biphenyl	SFRA	San Francisco Redevelopment Agency		

Sources:

- ChaduxTt. 2008. "Final Parcel B Construction Summary Report, Hunters Point Shipyard, San Francisco, California." July 25.
- Navy. 1997. "Hunters Point Shipyard, Parcel B, Record of Decision." November 16.
- Navy. 1998. "Explanation of Significant Difference, Naval Station Treasure Island, Hunters Point Annex." August 24.
- Navy. 2000. "Final Explanation of Significant differences, Parcel B, Hunters Point Shipyard, San Francisco, California." May 4.
- PRC. 1996. "Parcel B Feasibility Study Final Report, Hunters Point Shipyard, San Francisco, California." November 26.
- PRC, HLA, Levine-Fricke, and Uribe & Associates. 1996. "Parcel B Remedial Investigation, Draft Final Report, Hunters Point Shipyard, San Francisco, California." June 3.
- SFRA. 1997. "Hunters Point Shipyard Redevelopment Plan." July 14.
- TPA-CKY Joint Venture. 2005. "Draft Final Site Closeout Report, Total Petroleum Hydrocarbon Program Corrective Action Implementation Soil Removal for Parcels B, C, D, and E, Hunters Point Shipyard, San Francisco, California." June.

TABLE 5-2: DATA SUMMARY FOR CHEMICALS OF CONCERN IN SOIL

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Chemical	Sample Size		Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)
	Detected	Total		
Antimony	236	461	0.69	78.1
Aroclor-1254	54	619	0.005	6.5
Aroclor-1260	335	939	0.004	50
Arsenic	540	761	0.43	240
Benzo(a)anthracene	593	1,479	0.008	2.6
Benzo(a)pyrene	598	1,475	0.008	2.8
Benzo(b)fluoranthene	651	1,498	0.008	2.9
Benzo(k)fluoranthene	399	1,456	0.008	3.1
Beta-BHC	8	477	0.001	0.008
Bis(2-ethylhexyl)phthalate	38	668	0.01	9.3
Cadmium	240	535	0.11	7.9
Copper	1,046	1,061	1.9	5,400
Dibenz(a,h)anthracene	157	1,263	0.009	0.43
Dieldrin	34	480	0.002	0.18
Heptachlor epoxide	23	477	0.001	0.015
Indeno(1,2,3-cd)pyrene	356	1,309	0.008	0.99
Iron	506	506	3000	83,200
Lead	998	1,030	0.33	8,540
Manganese	892	892	55	41,400
Mercury	493	683	0.027	90.1
Naphthalene	141	1,164	0.008	5.6
Tetrachloroethene	36	368	0.0013	2.8
Trichloroethene	243	514	0.00023	230
Vanadium	506	506	6.7	149
Zinc	943	966	12.6	1,880

Notes: Data summary includes samples collected from 0 to 10 feet below ground surface.

BHC Benzene hexachloride
mg/kg Milligram per kilogram

TABLE 5-3: DATA SUMMARY FOR CHEMICALS OF CONCERN IN GROUNDWATER

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Chemical	Volatile? ^a	Sample Size		Minimum Concentration (µg/L)	Maximum Concentration (µg/L)
		Detected	Total		
A-Aquifer					
1,2,4-Trichlorobenzene	Y	1	426	2	2
1,2-Dichlorobenzene	Y	1	427	1	1
1,2-Dichloroethane	Y	4	479	0.14	0
1,2-Dichloroethene (total)	Y	21	292	0.3	66
1,4-Dichlorobenzene	Y	3	427	0.27	0
2,4,6-Trichlorophenol		1	238	24	24
2-Methylnaphthalene	Y	3	278	2.7	11
Arsenic		134	415	1.125	51.1
Benzene	Y	5	492	0.3	10
Benzo(a)anthracene		1	308	3.5	3.5
Benzo(a)pyrene		1	306	3.5	3.5
Chlorobenzene	Y	13	464	0.5	4
Chloroethane	Y	1	464	13	13
Chloroform	Y	18	479	0.2	6
Chromium VI		20	347	7.5	550
Chrysene		1	308	3.5	3.5
cis-1,2-Dichloroethene	Y	67	264	0.16	200
Dichlorodifluoromethane	Y	9	245	10	59
Mercury	Y	49	427	0.0275	2.8
Methylene chloride	Y	1	464	0.4	0.4
Naphthalene	Y	3	284	0.4	7.5
Pentachlorophenol		1	238	24	24
Tetrachloroethene	Y	2	479	1	2
trans-1,2-Dichloroethene	Y	15	264	0.3	39
Trichloroethene	Y	63	479	0.2	610
Trichlorofluoromethane	Y	11	245	0.98	14
Vinyl chloride	Y	8	479	0.6	170
B-Aquifer ^b					
1,4-Dichlorobenzene	Y	3	27	0.27	0.41
Antimony		3	27	2.7	21.1
Arsenic		5	26	2.5	9.5
Benzene	Y	1	27	1	1
Chloroethane	Y	1	27	13	13
Manganese		24	27	26.7	2,410
Pentachlorophenol		1	28	24	24
Thallium		3	23	1.4	8.35
Trichloroethene	Y	1	27	2	2

Notes: Data summary is based on the groundwater data set used for the HHRA, which evaluated data collected from March 1989 through November 2004.

a Volatile chemicals in the A-aquifer were evaluated for potential health risks from subsurface vapor intrusion to indoor air.

b Data summary is based on B-aquifer data combined with A-aquifer data to address potential hydraulic communication between the A- and B-aquifers.

µg/L Microgram per liter

HHRA Human health risk assessment

VI Hexavalent

TABLE 5-4: DATA SUMMARY FOR CHEMICALS OF CONCERN IN SEDIMENT

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Chemical	Sample Size		Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)
	Detected	Total		
4,4'-DDD ^a	2	63	0.0023	0.0055
4,4'-DDE ^a	7	63	0.0018	0.03
4,4'-DDT ^a	39	64	0.0022	0.12
Aluminum	64	64	1,300	22,000
Aroclor-1248 ^b	1	64	0.11	0.11
Aroclor-1254 ^b	4	64	0.15	1.1
Aroclor-1260 ^b	51	64	0.016	5.9
Copper	64	64	16	5,400
Dibenz(a,h)anthracene	19	64	0.011	0.43
Dieldrin	15	64	0.0027	0.045
Lead	64	64	6.6	1,200
Methoxychlor	2	63	0.017	0.046
Zinc	64	64	26	1,300

Notes:

a Evaluated in the SLERA as total DDT (summed concentration of DDT and its metabolites DDD and DDE).

b Evaluated in the SLERA as total Aroclors (summed concentration of Aroclors).

DDD Dichlorodiphenyldichloroethane

DDE Dichlorodiphenyldichloroethene

DDT Dichlorodiphenyltrichloroethane

mg/kg Milligram per kilogram

SLERA Screening-level ecological risk assessment

TABLE 5-5: RADIOLOGICALLY IMPACTED SITES

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Building/ Site Number	Isotopes of Interest	Redevelopment Block(s) ^a	Former Use	Current Building Status	Current Radiological Survey Status
103	Strontium-90, Cesium-137, Plutonium-239	4	Submarine barracks (1951); personnel decontamination center for OPERATION CROSSROADS personnel	Leased to San Francisco Redevelopment Agency; used by artists from The Point	Task specific plan complete. Conducting material and equipment surveys. Demarcating final status survey units.
113	Strontium-90, Cesium-137, Plutonium-239	7	Tug maintenance facility; salvage diver facility; torpedo storage and overhaul (1951-1964); sample storage from atomic weapons tests	Unoccupied	Task specific plan complete. Conducting material and equipment surveys. Demarcating final status survey units.
113A	Cesium-137, Radium-226	7	Torpedo storage building; nondestructive testing facility (radiography); machine and maintenance shop; shipyard analytical laboratory; radioactive material storage building; radiographer's vault; waste disposal and storage building; used to store sheet lead from Building 364	Unoccupied	Task specific plan complete. Conducting material and equipment surveys. Demarcating final status survey units.
114	Strontium-90, Cesium-137, Radium-226	7	Naval Radiological Defense Laboratory design branch and technical library (1951)	Demolished	Final status survey complete. Remediation complete. Final – Final Status Survey Report pending.
130	Cesium-137, Radium-226	9, 12	Pipefitter shop; general shops; ship repair shop; machine shop; metal working shop; shop service (1968-1973); occupied by Protective Finishes Co. (1994); used by Navy for low-level radioactive waste and investigation-derived waste storage (1994)	Environmental storage	Task specific plan complete. Conducting material and equipment surveys. Demarcating final status survey units.

TABLE 5-5: RADIOLOGICALLY IMPACTED SITES (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Building/ Site Number	Isotopes of Interest	Redevelopment Block(s) ^a	Former Use	Current Building Status	Current Radiological Survey Status
140 and discharge channel	Strontium-90 Cesium-137, Radium-226, Plutonium-239	16, BOS-3	Dry Dock 3 pump house and discharge channel	Unoccupied	Task specific plan complete. Preliminary building screening surveys complete. Information data package submitted to BCT. Conducting discharge channel preparation and surveys.
142	Strontium-90, Cesium-137, Radium-226, Plutonium-239	16	Air raid shelter A; storage; high-level sample counting room; low background counting room	Demolished	Final status survey complete. Remediation complete. Final – Final Status Survey Report pending.
146	Strontium-90, Cesium-137, Radium-226	6	Industrial and photo laboratory (1951- 1964); general shops; radioactive waste storage area; radioluminescent device turn- in building; tactical air navigation facility; lead-lined vault for shipyard x-ray sources	Unoccupied	Task specific plan complete. Conducting material and equipment surveys. Demarcating final status survey units.
157	Cobalt-60, Cesium-137, Radium-226,	15	Industrial laboratory; nondestructive testing; sound laboratory; testing center for metals (radiography); metal shop	Demolished	Awaiting backfill of Parcel B sewer and storm drain trench Survey Unit 50 to complete surface final status survey.
IR-07	Strontium-90, Cesium-137, Radium-226, Plutonium-239	2, 3, BOS-1	Flat land area built by the Navy to support conventional (non-nuclear) submarine maintenance; potential disposal of ship decontamination debris and burial of radioluminescent devices	Undeveloped open land	Deconstructing RSY-1. Integrating survey plan for IR-07 surface scan with remedial design and remedial action.

TABLE 5-5: RADIOLOGICALLY IMPACTED SITES (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Building/ Site Number	Isotopes of Interest	Redevelopment Block(s) ^a	Former Use	Current Building Status	Current Radiological Survey Status
IR-18	Strontium-90, Cesium-137, Radium-226, Plutonium-239	1, 2, BOS-1	Flat land area built by the Navy; waste oil disposal area; potential disposal of ship decontamination debris and burial of radioluminescent devices; recreational vehicle camping and parking	Undeveloped open land	Deconstructing RSY-1. Completing survey plan for IR-18 surface scan.
Sanitary Sewers and Storm Drains	Strontium-90, Cesium-137, Radium-226	All	Disposal of sanitary waste and conveyance of storm water; potentially contaminated by radiological waste from buildings	Demolished	Excavated, surveyed, and remediated 22,900 lineal feet of sewers and storm drains. Excavated 59,400 cubic yards of material and disposed of roughly 3,800 cubic yards of material as low-level radioactive waste. Evaluating dose and risk assessment for four remaining survey units pending backfill.

Notes: Ship berths and piers are considered to be radiologically impacted, but are considered part of Parcel F.

a Redevelopment blocks based on 1997 redevelopment plan (SFRA 1997). Reuse areas and redevelopment blocks may change in the future.

BCT Base Realignment and Closure Cleanup Team

IR Installation Restoration

RSY Radiological survey yard

SFRA San Francisco Redevelopment Agency

Sources:

Naval Sea Systems Command. 2004. "Historical Radiological Assessment, Volume II, Use of General Radioactive Materials, 1939-2003, Hunters Point Shipyard." August 31.

SFRA. 1997. "Hunters Point Shipyard Redevelopment Plan." July 14.

Tetra Tech EC Inc. 2008. "Final Parcel B Technical Memorandum in Support of a Record of Decision Amendment Radiological Addendum, Hunters Point Shipyard, San Francisco, California." March 14.

6.0 CURRENT AND POTENTIAL FUTURE SITE AND RESOURCE USES

This section discusses (1) current and reasonably anticipated future land uses, and (2) current and potential groundwater and surface water uses. This information was incorporated into development of exposure scenarios for the HHRA and development and evaluation of remediation alternatives.

6.1 LAND USES

Parcel B is owned by the federal government and is under the jurisdiction of the Navy. Most of the buildings at Parcel B are vacant, although a small number are used for commercial enterprises such as artist studios. Except for the few occupied buildings, Parcel B is unoccupied and unused. Most of Parcel B is fenced, and access is limited.

Parcel B is currently planned to be transferred to the City and County of San Francisco. Based on the City and County of San Francisco's reuse plan ([SFRA 1997](#)), Parcel B is expected to be zoned to accommodate mixed uses, including a mixed residential/retail area, a research and development area, a cultural and educational area, and open space. The mixed-use and research and development areas could include single-family homes, upper-story housing, or live/work arrangements, and a variety of commercial enterprises, artist studios, retail, and business services on the ground floor. The cultural and educational area could include museums. The open space areas will provide public access and use of the waterfront as well as provide a corridor for the Bay Trail (hiking and bicycle access) close to the shoreline ([SFRA 1997](#)). The table below lists the planned reuses for Parcel B as envisioned in the 1997 reuse plan. [Figure 1-3](#) shows the locations of the types of reuses and the redevelopment blocks. (Note that future land use controls will apply restrictions to redevelopment blocks located at IR-07 and IR-18 that will prohibit some of the reuses identified in the 1997 redevelopment plan [see [Section 12.2.1.5](#)]. Reuse areas and redevelopment blocks may change in the future.)

Redevelopment Block	Planned Reuse
1	Mixed Use
2	Research and Development
3	Research and Development
4	Mixed Use
5	Research and Development
6	Research and Development
7	Mixed Use
8	Mixed Use
9	Mixed Use
12	Mixed Use
15	Mixed Use
16	Educational/Cultural
BOS-1	Open Space
BOS-2	Open Space
BOS-3	Open Space

Reuse plans are subject to change by the local government. Changes in the planned reuse could cause additional changes to the application of RAOs and remediation goals (see [Section 8.0](#)) and could cause further modifications to the ROD for Parcel B. CERCLA requires public involvement in changes to the remedy that are significant or fundamental.

6.2 GROUNDWATER USES

Groundwater beneath HPS is not currently used for drinking water, irrigation, or industrial supply. Drinking water is supplied to HPS by the City and County of San Francisco through its municipal supply from the Hetch Hetchy watershed in the Sierra Nevada. The evaluation of beneficial use considers the current Water Quality Control Plan (Basin Plan) for the San Francisco Bay Basin ([Water Board 2004](#)), which identifies the following existing and potential beneficial uses for groundwater: municipal and domestic water supply, industrial water supply, industrial process water supply, and agricultural water supply.

6.2.1 A-Aquifer

The Water Board has concluded that the A-aquifer at HPS is unsuitable as a potential source of drinking water ([Water Board 2003](#)). The Navy also considers the A-aquifer at Parcel B unsuitable as a potential source of drinking water based on an evaluation of the site-specific factors identified in EPA's letter to the Navy ([EPA 1999a](#)).

6.2.2 B-Aquifer

Based on total dissolved solids data alone, the B-aquifer at Parcel B would be considered suitable as a potential source of drinking water. However, results of the evaluation of site-specific factors indicate that the B-aquifer has a low potential for use as a source of drinking water. These site-specific factors include (1) the City and County of San Francisco's prohibition on installing domestic wells and the proximity of sewer lines and storm drains, (2) the lack of current or historical use of the aquifer for water supply, (3) the limited size of this groundwater resource, and (4) the proximity of saltwater to the aquifer and the potential for saltwater intrusion if significant quantities of groundwater are withdrawn from the aquifer.

The evaluation of the B-aquifer suggests that it has a low potential as a source of drinking water. However, the groundwater ingestion pathway was included in the HHRA for the B-aquifer groundwater because of agreements with the BCT on the methodology.

6.3 SURFACE WATER USES

Parcel B does not have any naturally occurring surface streams or ponds. Storm water at Parcel B is currently handled via surface swales and storm sewers.

7.0 SUMMARY OF SITE RISKS

An HHRA and SLERA were conducted for Parcel B using data collected during previous investigations ([ChaduxTt 2007](#)). The objective of the risk assessments was to estimate the risks to human and ecological receptors from exposure to chemicals in soil and groundwater at Parcel B. They provide the basis for taking action and identify the COCs and exposure pathways that need to be addressed by the amended remedial action. Human health risks were characterized separately for radioactive and nonradioactive chemicals. The HHRA for nonradioactive chemicals is presented in the TMSRA ([ChaduxTt 2007](#)), and the HHRA for radioactive chemicals is included in the radiological addendum to the TMSRA ([TtEC 2008a](#)). [Section 7.1](#) and [Section 7.2](#) summarize the methods used and results for the HHRA and SLERA. [Section 7.3](#) describes trigger levels for groundwater that were established to evaluate potential impacts from groundwater to the surface water of San Francisco Bay.

7.1 HUMAN HEALTH RISK ASSESSMENT

A conceptual site model for human exposure was developed in the TMSRA to identify chemical sources at Parcel B, affected environmental media, chemical release and transport mechanisms for affected media, potentially exposed receptors, and potential exposure pathways for each receptor. [Figure 7-1](#) and [Figure 7-2](#) illustrate the conceptual site models for exposure to nonradioactive and radioactive chemicals. [Section 7.1.3](#) presents details on the exposure assessment. Parcel B was formerly part of the industrial support area at HPS and was used for shipping, ship repair, training, barracks, and offices. Activities supporting these uses, such as painting, metalworking, and storage, use, and disposal of liquids and fuels, are potential sources of chemicals.

The HHRA for Parcel B identified chemicals of potential concern (COPC) in soil and groundwater, evaluated exposure scenarios based on possible future land uses, assessed toxicity, and characterized cancer and noncancer health risks based on conservative assumptions. Details of the HHRA are provided in Appendix A of the TMSRA ([ChaduxTt 2007](#)) and Appendix A of the TMSRA radiological addendum ([TtEC 2008a](#)). The HHRA methods and the results are discussed below. Updates to the methodology for the HHRA were one of the central reasons supporting the need for amending the original ROD.

7.1.1 Methodology

The following sections discuss the overall approach for the HHRA for nonradioactive chemicals in soil and groundwater as well as specific details associated with the risk evaluations for radionuclides.

7.1.1.1 Overall Approach for Nonradioactive Chemicals

The Navy developed the methodology used to prepare the HHRA in consultation with EPA Region 9 and the California EPA Department of Toxic Substances Control (DTSC). Guidance documents used to develop the methodology are provided in Appendix A of the TMSRA ([ChaduxTt 2007](#)).

In addition, the following approaches developed by the HPS BCT ([Tetra Tech 2003a](#); [Navy 2004](#)) and the Navy were used in the HHRA. These approaches were developed specifically for HHRA at HPS.

- Use of 2,500-square-foot exposure areas (grids) to evaluate residential exposures and 0.5-acre exposure areas to evaluate nonresidential exposures
- Evaluation of the homegrown produce pathway for residential exposures
- Evaluation of recreational exposures
- For evaluation of exposures to groundwater, use of 12 rounds of groundwater monitoring data to delineate groundwater plumes, establish exposure areas, and develop representative exposure concentrations
- Use of a risk-based screening approach to evaluate exposures to groundwater from vapor intrusion and domestic use
- Quantitative analysis of the uncertainties associated with the toxicity criteria for trichloroethene on risk estimates
- Inclusion of both a total risk assessment and an incremental risk assessment for the evaluation of risks from exposure to soil at Parcel B. All chemicals were included as COPCs for the total risk evaluation, regardless of concentration. The total risk evaluation estimated the risks posed by chemicals at the site, including any present at concentrations at or below ambient levels. The incremental risk evaluation also estimated risks posed by chemicals at the site, but did not include the risks from chemicals present at or below ambient levels.

Details of the HHRA methodology are provided in Appendix A of the TMSRA ([ChaduxTt 2007](#)) and Appendix A of the TMSRA radiological addendum ([TtEC 2008a](#)).

7.1.1.2 Approach for Groundwater (Nonradioactive Chemicals)

Groundwater data collected through monitoring quarter 20 (October to December 2004) were included for quantitative evaluation in the HHRA. The groundwater data set, which consisted of both historical and current groundwater data for Parcel B, was based on meetings with EPA, DTSC, and the Navy in 2003 and 2004. Groundwater monitoring data collected at Parcel B since 2004 were not included in the HHRA. Navy review of these data showed that they are consistent with pre-November 2004 data in terms of COCs and would not change the updated groundwater characterization. The evaluation of the effects of more recent (post-2004) concentrations in groundwater on the results of the HHRA is presented in Section A9.9 of Appendix A of the TMSRA ([ChaduxTt 2007](#)).

Exposure to volatile chemicals in groundwater in the A-aquifer may occur to residential and industrial receptors as a result of subsurface vapor intrusion to indoor air. Two steps were used to establish the areal extent for assessing vapor intrusion risks at Parcel B. First, plume boundaries were established based on delineation of measured concentrations of VOCs in A-aquifer groundwater to nondetectable levels; these plumes were termed “risk plumes” in the HHRA. Next, groundwater data for the A-aquifer were grouped based on the delineated plume boundaries. The groundwater data set used for plume delineation included all groundwater data collected for Parcel B, consisting of the last 12 rounds of sampling at each well and for each chemical through monitoring quarter 20 (October to December 2004). Groundwater data from Parcel B and Parcel C within the plume boundary were included in the plume data set because one of the groundwater plumes extended into Parcel C. In some cases, the last 12 rounds of sampling included data collected as long ago as 1989.

The following three A-aquifer plume areas were identified for Parcel B (see [Figure 7-3](#)): Each of these plume areas was evaluated as a separate A-aquifer exposure area in the HHRA.

- IR-10A plume
- IR-10B plume
- IR-25 plume

Data collected from the A-aquifer that did not fall within a delineated plume boundary were grouped by associated residential exposure areas (2,500-square-foot grids) and industrial exposure areas (0.5-acre grids).

Data collected from the B-aquifer were grouped by using the same plume delineation boundaries developed for the A-aquifer to evaluate residential exposure to groundwater in the B-aquifer from domestic use. In addition, the grouping assumed a vertical extrapolation of the plume boundary from the A-aquifer to the B-aquifer. Although plumes have not been identified in the B-aquifer at Parcel B, this approach was used to aid reporting risk results over collocated exposure areas.

Specific details on the plume delineation methodology and the nature and extent of contamination associated with each of the plumes are provided in Attachment A4 to Appendix A of the TMSRA ([ChaduxTt 2007](#)).

The groundwater risk plumes described here were used only in the HHRA evaluation. The risk plumes do not represent current-day plume sizes at Parcel B because the plume delineation was based on the groundwater data set for the HHRA, which consisted of the last 12 rounds of sampling at each well and for each chemical through monitoring quarter 20 (October to December 2004). [Figure 7-3](#) shows a comparison of the plume boundaries in November 2004 and the plume boundaries established for the HHRA. The plumes, based on the 2004 data, are substantially smaller than the sizes established for use in the HHRA. In addition, current concentrations of chemicals measured in each plume area are substantially less than historical concentrations ([CE2 Kleinfelder 2008](#)). As such, the HHRA likely overestimates risks from exposure to groundwater at Parcel B.

7.1.1.3 Approach for Radionuclides

The computer codes Residual Radioactive (RESRAD) and RESRAD-BUILD ([Argonne National Laboratory 2008](#)) were used to perform dose and risk modeling for radiologically impacted sites at Parcel B. RESRAD was used to model the risk associated with affected land areas (for example, former building sites 114, 142, and 157) and fill areas (IR-07 and IR-18). RESRAD-BUILD was used to model the impacted buildings (for example, Buildings 103, 113, 113A, 130, 140, and 146). Both RESRAD and RESRAD-BUILD automatically include the long-lived daughter products of the isotopes of the radionuclides of concern (see [Section 7.1.2](#)).

RESRAD and RESRAD-BUILD were used to analyze the exposure scenarios that match the planned reuse ([SFRA 1997](#)). The majority of the input parameters for RESRAD and RESRAD-BUILD were the default values. The residential receptor was identified as the critical receptor, and all models were run using the residential scenario.

7.1.2 Identification of Chemicals of Potential Concern

COPCs are chemicals that are carried through the quantitative exposure and risk characterization portions of the HHRA. COPCs represent the chemicals assumed to account for the majority of any estimated health effects at a site. Analytical data for soil and groundwater were evaluated for usability, grouped by exposure area and by medium, and then used to identify COPCs. All detected chemicals except essential human nutrients (that is, calcium, magnesium, potassium, and sodium) were identified as COPCs. COPCs were identified for surface soil (0 to 2 feet bgs), subsurface soil (0 to 10 feet bgs), A-aquifer groundwater, and B-aquifer groundwater.

The HHRA included both a total and an incremental risk assessment for soil. Metals measured at maximum concentrations that were equal to or below HPALs were excluded as COPCs for the incremental risk assessment. HPALs represent ambient concentrations of metals in soil in the HPS area and are available for most of the metals detected in soil at Parcel B ([PRC 1995](#)).

The incremental risk assessment for soil excluded metals when the maximum measured concentrations do not exceed HPALs. However, some metals at ambient levels are associated with cancer risks or noncancer hazards above levels typically considered thresholds. Appendix A of the TMSRA contains the analysis of cancer risks and noncancer hazards associated with ambient levels of metals in soil at HPS.

The potential radionuclides of concern at Parcel B were identified during the HRA based on past activities and surveys and include ^{60}Co , ^{90}Sr , ^{137}Cs , ^{226}Ra , and ^{239}Pu ([NAVSEA 2004](#)). These radionuclides are the COCs for the assessment of radiological risk.

7.1.3 Exposure Assessment

The redevelopment plan outlines the planned reuses for Parcel B ([SFRA 1997](#)). Parcel B was divided into redevelopment blocks to help identify the areas associated with specific planned reuses. Each redevelopment block was then assigned a number (see [Figure 1-3](#)). The table below summarizes the planned reuses for each redevelopment block at Parcel B and how each

was evaluated in the HHRA for nonradioactive chemicals. (Note that future land use controls will apply restrictions to redevelopment blocks located at IR-07 and IR-18 that will prohibit some of the reuses identified in the 1997 redevelopment plan [see [Section 12.2.1.5](#)]. Reuse areas and redevelopment blocks may change in the future.)

Redevelopment Block	Planned Reuse	HHRA Exposure Scenario
1	Mixed Use	Residential
2	Research and Development	
3	Research and Development	
4	Mixed Use	
5	Research and Development	
6	Research and Development	
7	Mixed Use	
8	Mixed Use	
9	Mixed Use	
12	Mixed Use	Residential
15	Mixed Use	
16	Educational/Cultural	Industrial
BOS-1	Open Space	Recreational
BOS-2	Open Space	
BOS-3	Open Space	

The following receptors were selected for evaluation in the HHRA for Parcel B based on the planned reuses and the likelihood that excavation and trenching will be required during development for the planned reuses:

- Resident (adult and child)
- Industrial worker (adult)
- Recreational user (adult and child)
- Construction worker (adult)

Both direct exposure pathways (for example, ingestion) and indirect exposure pathways (for example, ingestion of homegrown produce) for soil and groundwater were identified as potentially complete.

Residential exposure to groundwater in the A-aquifer from domestic use (such as ingestion) was not evaluated in the HHRA because the A-aquifer at HPS is not considered a potential source of drinking water (see [Section 6.2](#)). The beneficial use evaluation of the B-aquifer suggests that it has a low potential as a source of drinking water. However, the groundwater ingestion pathway was included in the HHRA for the B-aquifer groundwater because of agreements with the BCT on the methodology for the HHRA.

7.1.3.1 Soil Exposures

Exposure to soil was evaluated for each grid where sampling data were available and the sampling locations had not been subject to removal actions. Residential grids were used to assess residential exposures, while industrial grids were used to assess industrial, recreational, and construction worker exposures.

7.1.3.2 Groundwater Exposures

Exposure to COPCs in the A-aquifer was assessed for residential, industrial, and construction worker exposure for three exposure areas: the IR-10A, IR-10B, and IR-25 risk plumes (see [Figure 7-3](#)). The risk plumes were developed using a specific methodology developed for the HHRA based on agreements made with the BCT (see Attachment A4 of Appendix A of the TMSRA).

Residential and industrial exposure to groundwater in the A-aquifer from inhalation of volatile COPCs in groundwater that migrate through the subsurface to indoor air (vapor intrusion) was the only complete exposure pathway for the planned reuses of Parcel B. For the construction worker scenario, exposure to groundwater in the A-aquifer was assumed to occur during trenching. Residential exposure to groundwater in the A-aquifer from domestic use (such as ingestion) was not evaluated in the HHRA because the A-aquifer at HPS is not considered a potential source of drinking water.

Exposure to COPCs in the B-aquifer was assessed for residential domestic use because groundwater in the B-aquifer is considered to have a low potential as a source of drinking water. Residential domestic use of groundwater in the A-aquifer was not evaluated in the HHRA because the A-aquifer at HPS is not considered a potential source of drinking water.

7.1.3.3 Radiological Exposures

Potentially complete exposure pathways for radioactive chemicals in impacted soils include external radiation, soil ingestion, inhalation, and ingestion of groundwater. The exposure pathways for potentially contaminated structure surfaces are direct radiation from contaminated surfaces and inhalation of resuspended contaminated dust. Input parameters for RESRAD were adjusted, as needed, to match the receptor-specific exposure parameters used in the HHRA for nonradioactive chemicals. The residential receptor was identified as the critical receptor for exposure to radionuclides, and all models were run using the residential scenario. Additionally, the Unity Rule¹ was used to evaluate incremental as well as combined risks. The radiological addendum to the TMSRA ([TtEC 2008a](#)) contains more information on the specific exposure assumptions. The release limits for each radionuclide of concern were used in the RESRAD modeling. However, the actual risk and dose will be calculated using the results of the final status surveys and these actual doses will be lower than the release limits.

¹ Unity rule (mixture rule): A rule applied when more than one radionuclide is present at a concentration that is distinguishable from background and where a single concentration comparison does not apply. In that case, the mixture of radionuclides is compared against default concentrations by applying the unity rule. This is accomplished by determining: (1) the ratio between the concentration of each radionuclide in the mixture, and (2) the concentration for that radionuclide in an appropriate listing of default values. The sum of the ratios for all radionuclides in the mixture should not exceed 1.

7.1.4 Toxicity Assessment

The toxicity assessment identifies toxicity values used to quantify potential adverse health effects associated with exposure to COPCs at Parcel B. These toxicity values include reference doses (RfD) for noncancer health effects and slope factors (SF) for estimating cancer risks.

Toxicity values were obtained using a hierarchy of sources from EPA and California EPA (Cal/EPA). If the SF from an EPA source was higher than the Cal/EPA SF, then the more conservative (higher) SF was used in the HHRA. The SFs and RfDs used in the HHRA and the methodologies used to select them are presented in Appendix A of the TMSRA (see Tables A-11 and A-12) (ChaduxTt 2007).

Lead

No RfD or SF is currently available for evaluating health risks from exposure to lead. Therefore, the HHRA evaluated the potential for human health effects from exposure to lead by comparing exposure point concentrations (EPC) for lead with an HPS-specific risk-based concentration for lead (155 mg/kg) for residential and recreational receptors and the EPA (2004) Region 9 industrial PRG for lead (800 mg/kg) for industrial and construction worker receptors. The HPS risk-based concentration for lead was developed using the Cal/EPA (1999b) LeadSpread model and EPA's Integrated Exposure Uptake Biokinetic model. The methodology for development of the HPS risk-based concentration for lead is presented in Attachment 6 of Appendix A of the TMSRA (ChaduxTt 2007).

7.1.5 Risk Characterization

Risks from exposure to COPCs in soil and groundwater for each redevelopment block were evaluated using two methods: (1) the specific exposure scenario associated with the planned reuse of the redevelopment block, and (2) for the other potential exposure scenarios identified for Parcel B, regardless of the planned reuse of the redevelopment block. Appendix A of the TMSRA for Parcel B (ChaduxTt 2007) contains the risk results for both methods. Results of the HHRA for soil, groundwater, and radioactive chemicals are summarized below; this summary is limited to results for the first method (that is, results associated with the planned reuses for Parcel B). The risk summary identifies which COPCs caused a chemical-specific risk greater than 10^{-6} or a chemical-specific hazard index (HI) greater than 1.0 and were considered COCs.

7.1.5.1 Risk Summary for Soil (Incremental Risk Evaluation)

Risks from exposure to nonradioactive COPCs in soil were assessed for both surface soil (0 to 2 feet bgs) and subsurface soil (0 to 10 feet bgs) for the incremental risk evaluation. Figure 7-4 and Figure 7-5 summarize the grid-specific incremental risk results for surface and subsurface soil based on the planned reuse of the redevelopment block associated with each grid. Table 7-1 summarizes the incremental cancer risk and noncancer HI results; Table 7-1 incorporates risk results for both surface and subsurface soil and includes the maximum risk value for each redevelopment block. Appendix A of the TMSRA (ChaduxTt 2007) contains tables that summarize the specific calculated incremental cancer risk and noncancer HI results

for each grid, including the COCs identified and the percent contribution by each potentially complete exposure pathway.

The following chemicals were identified as COCs in at least one grid, based on planned reuse and the results of the incremental risk evaluation for soil. Approximately 70 percent of the grids identified in the total risk evaluation for surface soil as posing a cancer risk that exceeded 10^{-6} or a noncancer HI greater than 1.0, no longer exceeded those risk thresholds after the incremental risk evaluation. Similarly, approximately 45 percent of the grids identified in the total risk evaluation for subsurface soil where risk values were exceeded no longer exceeded the cancer and noncancer risk thresholds after the incremental risk evaluation.

Exposure Scenario	Chemicals of Concern in Surface Soil, Incremental Risk	Chemicals of Concern in Subsurface Soil, Incremental Risk
Industrial ¹	None	Arsenic, Benzo(a)anthracene, and Benzo(a)pyrene
Recreational ¹	Aroclor-1254, Aroclor-1260, Arsenic, Benzo(a)pyrene, and Lead	Not applicable
Residential ¹	Antimony, Arsenic, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, bis(2-Ethylhexyl)phthalate, Copper, Dibenz(a,h)anthracene, Dieldrin, Heptachlor Epoxide, Indeno(1,2,3-cd)pyrene, Lead, Manganese, Tetrachloroethene, Trichloroethene, and Zinc	Antimony, Aroclor-1254, Aroclor-1260, Arsenic, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, beta-BHC, bis(2-Ethylhexyl)phthalate, Cadmium, Copper, Dibenz(a,h)anthracene, Dieldrin, Heptachlor Epoxide, Indeno(1,2,3-cd)pyrene, Iron, Lead, Manganese, Naphthalene, Tetrachloroethene, Trichloroethene, Vanadium, and Zinc
Construction Worker ²	Not applicable	Aroclor-1260, Arsenic, Benzo(a)pyrene, Lead, and Trichloroethene

Notes:

1 Chemicals of concern identified for this exposure scenario were based on the planned reuse for Parcel B.

2 The construction worker exposure scenario is not associated with a specific planned reuse for Parcel B.

BHC Benzene hexachloride

Potential risks from exposure to radioactive COPCs in soil were not evaluated on a grid basis, but were assessed separately for each radiologically impacted structure or area. [Section 7.1.5.3](#) discusses the evaluation of risk from radionuclides of concern in soil.

7.1.5.2 Risk Summary for Groundwater

Risks from exposure to nonradioactive COPCs in groundwater were assessed for the A- and B-aquifers. Three plumes were identified for Parcel B that present a potential risk to human health: the IR-10A, IR-10B, and IR-25 risk plumes. Exposure to groundwater from inhalation of volatile COPCs in groundwater that migrates through the subsurface to indoor air (vapor intrusion) was the only complete exposure pathway for the A-aquifer for the planned reuses of Parcel B. Exposure to A-aquifer groundwater may occur during trenching for the construction worker scenario. [Figure 7-6](#) summarizes the risk results for groundwater in the A-aquifer based on the planned reuse for each redevelopment block. [Figure 7-7](#) summarizes the risk results for exposure to groundwater in the B-aquifer. The risk results for groundwater in the B-aquifer, which was evaluated for residential exposure from domestic use, were based on each exposure area evaluated, regardless of planned reuse. [Table 7-2](#) summarizes the risk results for groundwater. Appendix A of the TMSRA ([ChaduxTt 2007](#)) contains tables that summarize the

specific calculated cancer risk and noncancer HI results for each plume (and grid for nonplume wells), including the COCs identified and the percent contribution by each potentially complete exposure pathway.

The following chemicals were identified as COCs in groundwater in the A-aquifer based on planned reuse.

Exposure Scenario		Chemicals of Concern in Groundwater, A-Aquifer	
Industrial ¹		Chloroform	
Recreational ¹		Not applicable	
Residential ¹	1,2,4-Trichlorobenzene	Chloroethane	Methylene chloride
	1,2,4-Trimethylbenzene	Chloroform	Naphthalene
	1,2-Dichlorobenzene	cis-1,2-Dichloroethene	Tetrachloroethene
	1,2-Dichloroethane	2-Methylnaphthalene ²	trans-1,2-Dichloroethene
	1,2-Dichloroethene (total)	Benzene	Trichloroethene
	1,2-Dichloropropane	Bromodichloromethane	Trichlorofluoromethane
	1,3,5-Trimethylbenzene	Chlorobenzene	Vinyl chloride
	1,4-Dichlorobenzene	Dichlorodifluoromethane	
Construction Worker ³	1,2,4-Trichlorobenzene	2-Methylnaphthalene	Chrysene
	1,2,4-Trimethylbenzene	4-Methylphenol	cis-1,2-Dichloroethene
	1,2-Dichlorobenzene	Arsenic	Mercury ²
	1,2-Dichloroethane	Benzene	Naphthalene
	1,2-Dichloroethene (total)	Benzo(a)anthracene	Pentachlorophenol
	1,2-Dichloropropane	Benzo(a)pyrene	Tetrachloroethene
	1,4-Dichlorobenzene	Bromodichloromethane	trans-1,2-Dichloroethene
	2,4,6-Trichlorophenol	Chlorobenzene	Trichloroethene
	2,4-Dimethylphenol	Chloroform ²	Vinyl chloride
	2,4-Dinitrotoluene		

Notes:

- 1 Chemicals of concern identified for this exposure scenario were based on the planned reuse for Parcel B.
- 2 Chemical is a COC based on the maximum concentration scenario (see Sections A5.1.2 and A8.0 of Appendix A of the TMSRA).
- 3 The construction worker exposure scenario is not associated with a specific planned reuse for Parcel B.

The B-aquifer is predominantly absent from most areas of Parcel B, except in the western portion of the parcel. Exposure areas evaluated for domestic use exposure to groundwater in the B-aquifer were limited to two non-plume exposure areas in Redevelopment Block 2 and two non-plume exposure areas in Redevelopment Block BOS-1. The HHRA evaluated potential risks from domestic use of groundwater under two cases because the potential for hydraulic communication between the A- and B-aquifers exists in the western portion of Parcel B: first using solely B-aquifer data, and second using a combination of B- and A-aquifer data, when available, to account for potential hydraulic communication between the two aquifers in some areas of Parcel B. The risk characterization analysis and identification of COCs for the B-aquifer were limited to risk results that account for potential hydraulic communication between the A- and B-aquifer because these results provide a more conservative estimate of potential risks from exposure to the B-aquifer. (That is, risks evaluated for the B-aquifer using a combination of A- and B-aquifer data result in more COCs than risks evaluated using solely B-aquifer data.) COCs for the B-aquifer were identified for grids B0139, B0237, and B0238 and are summarized below.

Exposure Scenario	COCs in Groundwater, B-Aquifer ¹	
Residential	1,4-Dichlorobenzene; Antimony Arsenic; Benzene; Chloroethane	Manganese; Pentachlorophenol Thallium; Trichloroethene

Note:

- 1 COCs in the B-aquifer were identified based on evaluation of risks using a combination of A- and B-aquifer data, when available, to account for potential hydraulic communication in some areas of Parcel B.

7.1.5.3 Radiological Dose and Risk

Exposure to radiation at each radiologically impacted site was modeled using RESRAD for former building sites and open land areas; these risk calculations are based only on surface characterization and not on subsurface data. Exposure to radiation at radiologically impacted structures was modeled using RESRAD-BUILD. [Table 7-3](#) presents the results of this evaluation. [Table 7-1](#) summarizes the risk by redevelopment block. The release limits for each radionuclide of concern were used in the RESRAD and RESRAD-BUILD modeling. However, the actual risk and dose will be calculated using the results of the final status surveys and these actual doses will be lower than the release limits.

²²⁶Ra is the only naturally occurring radionuclide of concern at Parcel B. ¹³⁷Cs and ⁹⁰Sr may be present in trace quantities because of fallout from nuclear weapons testing. The radiological dose and risk modeling considered the background concentration for radionuclides of concern other than ²²⁶Ra to be 0 picocuries per gram (pCi/g). The ²²⁶Ra background concentration was assumed to be the measured background level of 0.5 pCi/g.

The background concentrations of radionuclides of concern were assumed to be 0 disintegrations per minute (dpm) per 100 square centimeters for surfaces to model total risk from radiologically impacted buildings. This assumption was made because none of the radionuclides of concern are found in building materials, except for ²²⁶Ra which can be found in earthen materials (such as cement and ceramic tile).

Appendix A of the TMSRA radiological addendum ([TtEC 2008a](#)) discusses the input parameters and modeling results for the radiological dose and risk for each radiologically impacted site.

7.2 SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT

The majority of Parcel B, approximately 75 percent, is covered by pavement and buildings. With little open space for flora and fauna, Parcel B is considered to have insignificant habitat value and poses an insignificant risk to terrestrial ecological receptors. Exposure pathways to terrestrial species are incomplete because of a lack of habitat and the predominance of paved areas in Parcel B ([PRC 1996b](#)). However, potential ecological risk to receptors near the shoreline was not previously evaluated. Therefore, a SLERA was conducted to evaluate potential ecological risks from exposure to shoreline sediment. Appendix B of the TMSRA ([ChaduxTt 2007](#)) presents the details of the SLERA.

The focus of the SLERA was the intertidal zone of the Parcel B shoreline, which incorporates portions of IR-07 and IR-26. The shoreline of IR-07 consists of about 1.5 acres and includes approximately 1,300 ft² of tidal marsh wetlands. A detailed description of the wetlands can be found in the Wetlands Delineation and Functions and Values Assessment report (Tetra Tech 2003c). The shoreline of IR-26 consists of about 0.3 acre on the Point Avisadero peninsula. Field observations found that mainly invertebrates and birds use the shoreline habitat. Invertebrates included crabs and isopods that hide under rocks and feed on other small invertebrates. Mussels and barnacles were visible on the rocks at low tide.

The SLERA considered exposures to the following ecological receptor groups in the evaluation of the Parcel B shoreline:

- Benthic invertebrates
- Diving ducks (represented by the surf scoter)
- Carnivorous shorebirds (represented by the willet)
- Carnivorous birds (represented by the red-tailed hawk)
- Omnivorous small mammals (represented by the house mouse)

Figure 7-8 presents the conceptual site model for ecological receptors. Exposures to benthic invertebrates were evaluated by direct comparison of chemical concentrations in sediment to a benchmark value (the effects range-median [ER-M]). Exposures to birds and mammals were assessed based on calculating daily ingested chemical doses using food chain modeling and comparison of site-specific ingested doses of chemicals to toxicity reference values. Dose calculations incorporated several types of data, including (1) chemical concentrations in sediment, (2) estimated prey tissue concentrations based on biotransfer factors from terrestrial areas of Parcel E (Battelle and others 2002; Tetra Tech and LFR 2000; EPA 1999c), (3) ecological field studies, and (4) the natural history of selected receptors.

Some potentially toxic chemicals were detected in sediment and groundwater at the Parcel B shoreline at concentrations that exceed ambient levels and toxicological benchmarks, with exposure pathways to receptors that are complete. The data presented in the SLERA indicated potential unacceptable risk to benthic invertebrates, birds, and mammals from several metals, pesticides, and PCBs in sediment along the Parcel B shoreline. Likewise, data in the SLERA indicated potential unacceptable risk may be caused by concentrations of mercury, which was identified as a COC in groundwater. VOCs in groundwater were not found to pose a risk to San Francisco Bay. The following COCs were identified for ecological exposure at Parcel B:

Chemicals of Concern in Sediment	Chemical of Concern in Groundwater
Aluminum, Copper, Dibenz(a,h)anthracene, Dieldrin, Lead, Methoxychlor, Total Aroclors, Total Dichlorodiphenyltrichloroethane, and Zinc	Mercury

7.3 GROUNDWATER TRIGGER LEVELS

Groundwater at Parcel B is in contact with the surface water of the bay; however, the 1997 ROD did not evaluate potential interactions between groundwater and the surface water of the bay. Therefore, a screening evaluation was performed to assess whether the concentrations of chemicals detected in groundwater could affect the surface water of the bay. This evaluation involved comparison of surface water quality criteria with detected concentrations in the groundwater at Parcel B and included a point-by-point evaluation of the analytical history where concentrations in groundwater exceeded the surface water quality criteria². Appendix I of the TMSRA ([ChaduxTt 2007](#)) presents the details of this screening evaluation.

The surface water quality screening at Parcel B indicated that five metals (chromium VI, copper, lead, mercury, and nickel) in the A-aquifer consistently exceeded the screening criteria and, therefore, could affect the bay. No chemicals were identified to be of concern in the B-aquifer at Parcel B.

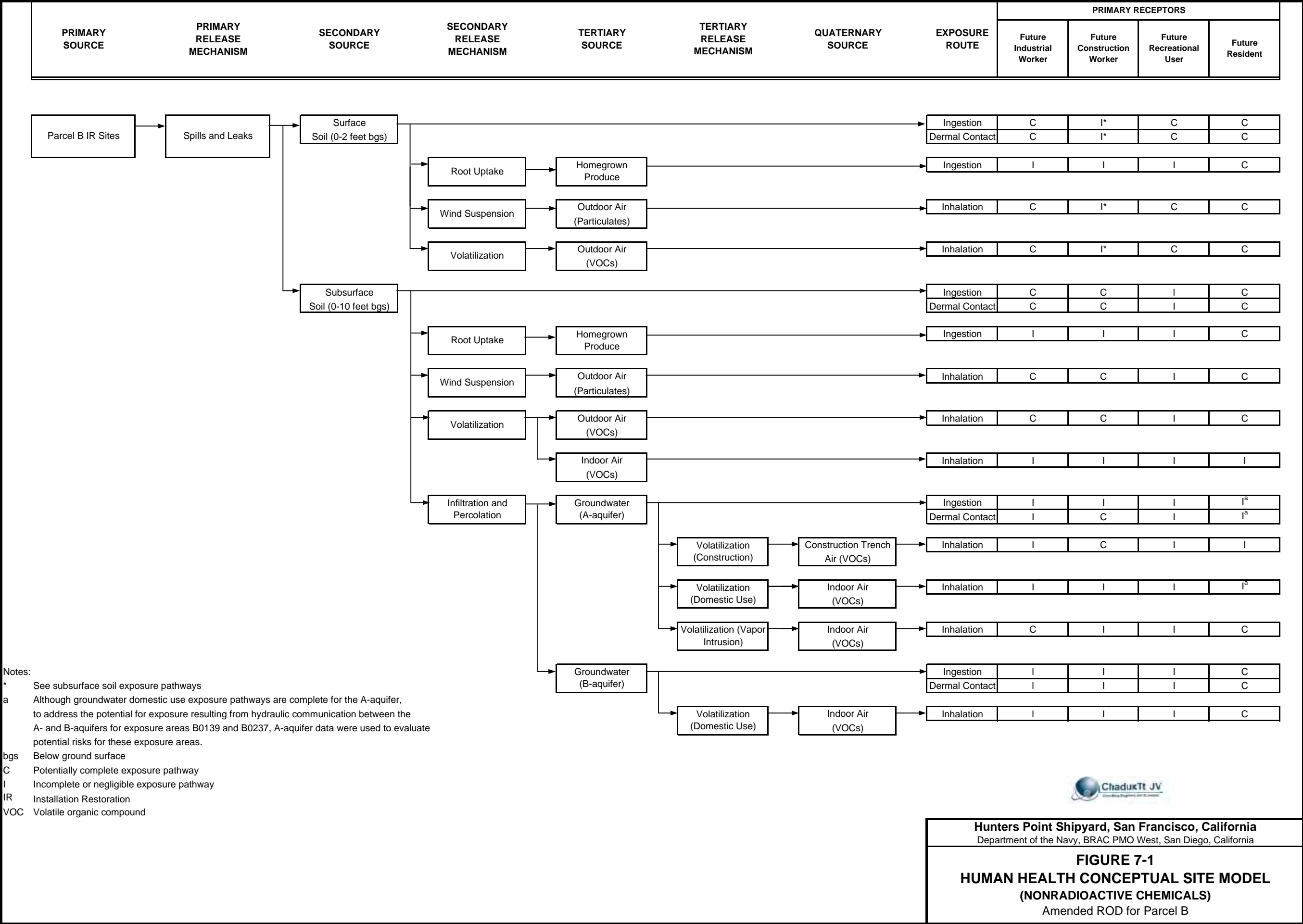
The Navy developed trigger levels to evaluate attenuation of contaminants as groundwater moves from inland areas toward the bay. The wells identified by the trigger level evaluation will be included in the groundwater monitoring program to be developed during the RD. The RD will also evaluate guard wells adjacent to the bay for inclusion in the groundwater monitoring program. All five of the analytes identified in the trigger level analysis (chromium VI, copper, lead, mercury, and nickel) may be included for any well in the monitoring program that tracks possible contaminant migration to the bay. The analysis in the RD will evaluate both data collected for the trigger level analysis in 2004 and newer data (including data from newly installed wells). The evaluation of newer data may show that groundwater at wells identified in the trigger level analysis no longer poses a threat and monitoring at those wells may not be necessary. All of these evaluations will be described in the RD for review and approval by the regulatory agencies.

The RD will also evaluate:

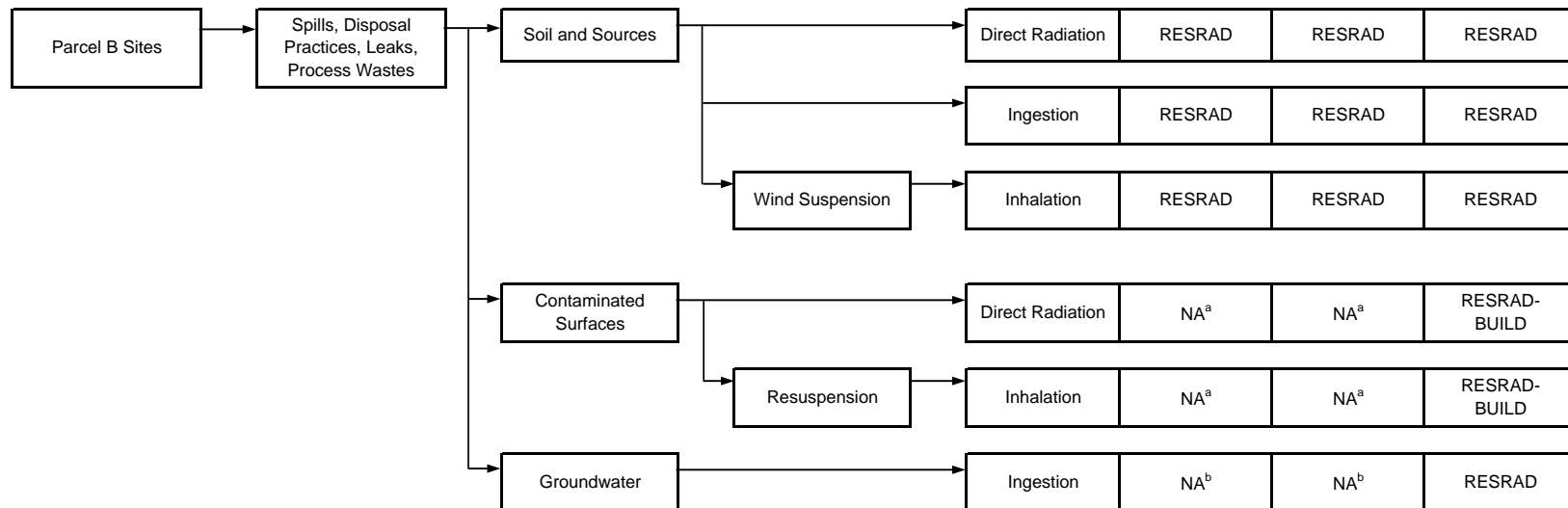
- Changes to the frequency of monitoring for each well;
- Adding or deleting wells;
- Monitoring the groundwater/surface water interface;
- Adjusting the attenuation factors based on site-specific detailed information; or
- Implementing a selected remediation alternative for groundwater treatment.

² This evaluation should not be interpreted to state or imply that surface water ARARs such as the California Toxics Rule are ARARs for in situ groundwater. Surface water ARARs apply to surface waters.

FIGURES



PRIMARY SOURCE	PRIMARY RELEASE MECHANISM	SECONDARY SOURCE	SECONDARY RELEASE MECHANISM	EXPOSURE ROUTE	PRIMARY RECEPTORS		
					Construction and Industrial Worker	Recreational User	Resident



Notes:

a Resident scenario bounds the worker and recreational user scenarios.

b Groundwater pathway analyzed only for residential scenario.

NA Not applicable

RESRAD Computer code model to estimate risk/dose from residual radiological materials.

RESRAD-BUILD estimates risk/dose resulting from human activities at radiologically impacted buildings.

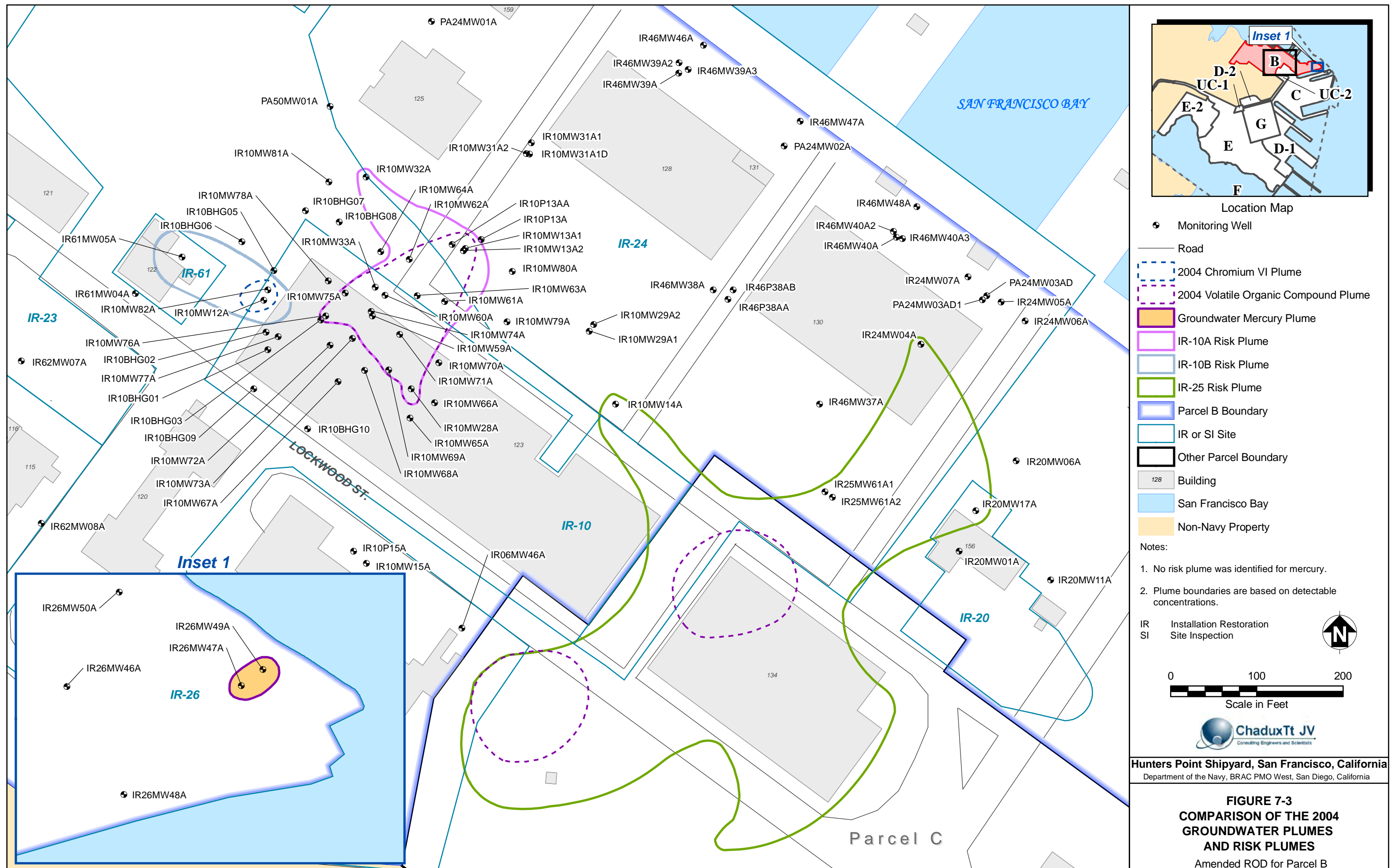
Exposure pathway is potentially complete for all receptors where RESRAD or RESRAD-BUILD is listed.

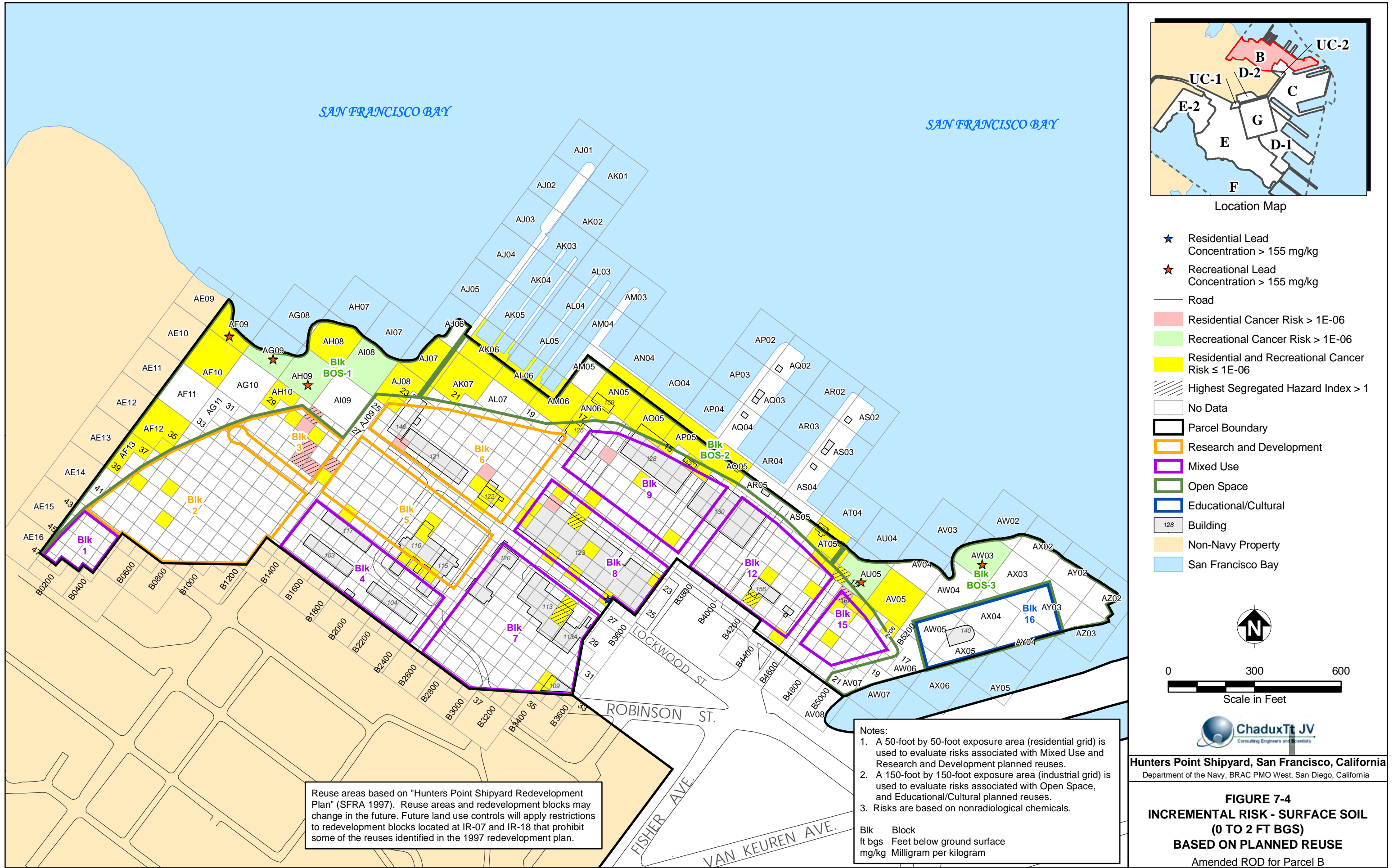


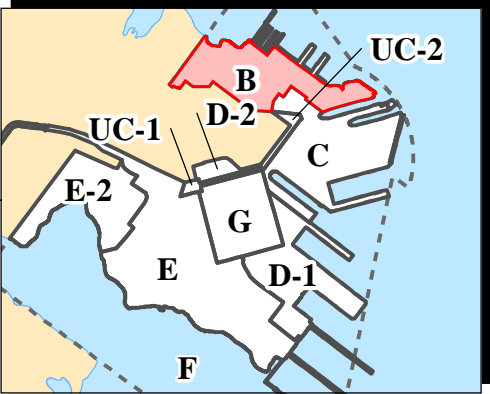
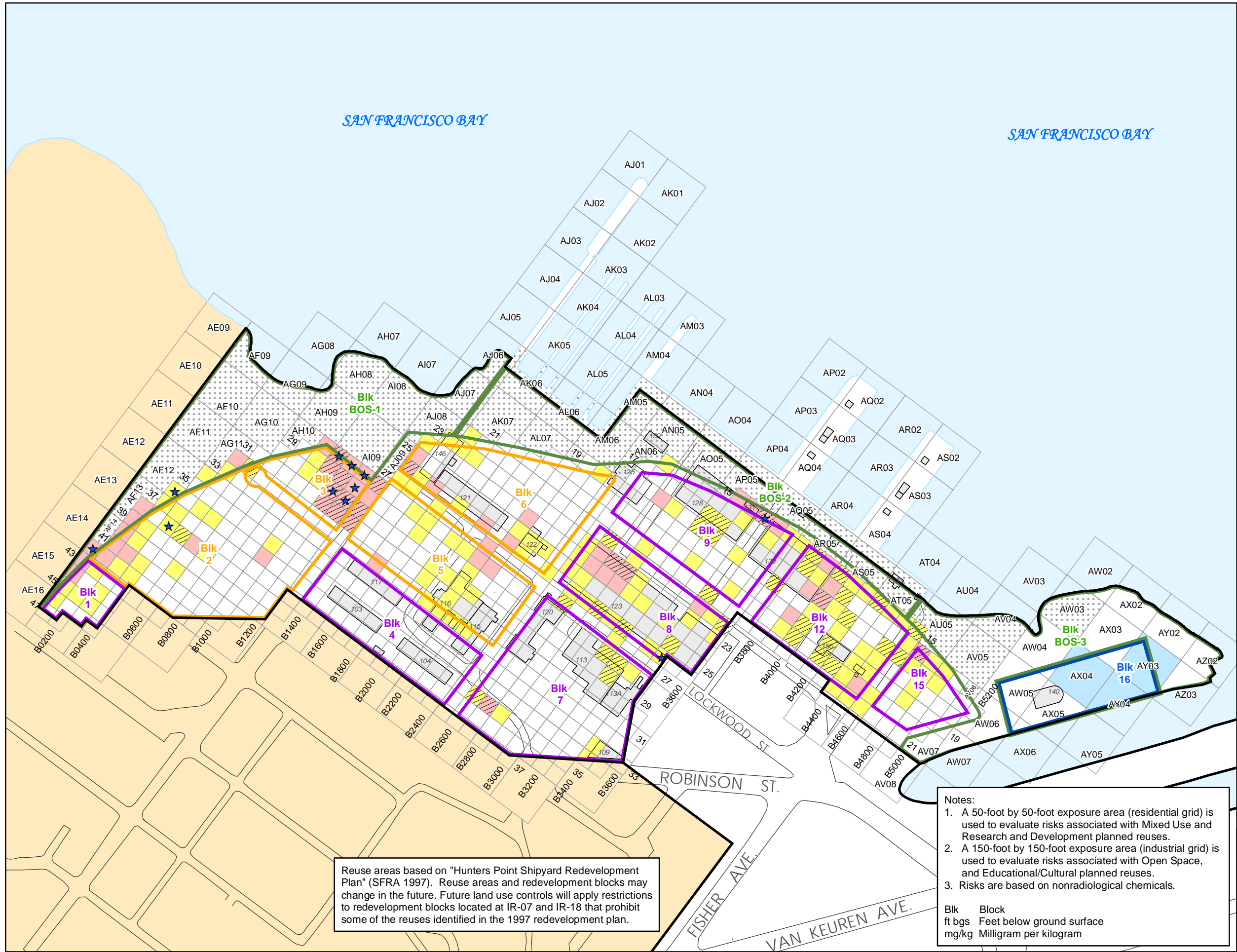
Hunters Point Shipyard, San Francisco, California

Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 7-2
HUMAN HEALTH CONCEPTUAL SITE MODEL
(RADIONUCLIDES)
 Amended ROD for Parcel B







Location Map

- ★ Residential Lead Concentration > 155 mg/kg
- Industrial Cancer Risk > 1E-06
- Residential Cancer Risk > 1E-06
- Residential Cancer Risk ≤ 1E-06
- Highest Segregated Hazard Index > 1
- Data Available; Recreational Scenario Not Evaluated for Subsurface Soil
- No Data
- Parcel Boundary
- Research and Development
- Mixed Use
- Open Space
- Educational/Cultural
- Road
- 128 Building
- Non-Navy Property
- San Francisco Bay



0 300 600
Scale in Feet



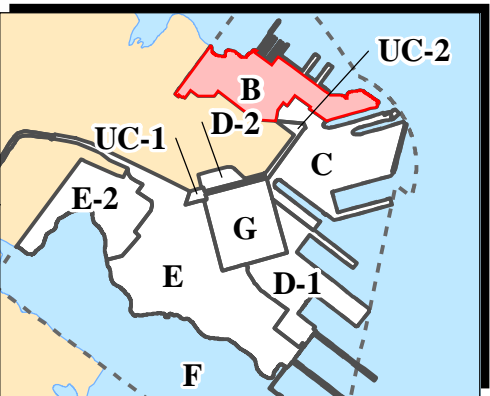
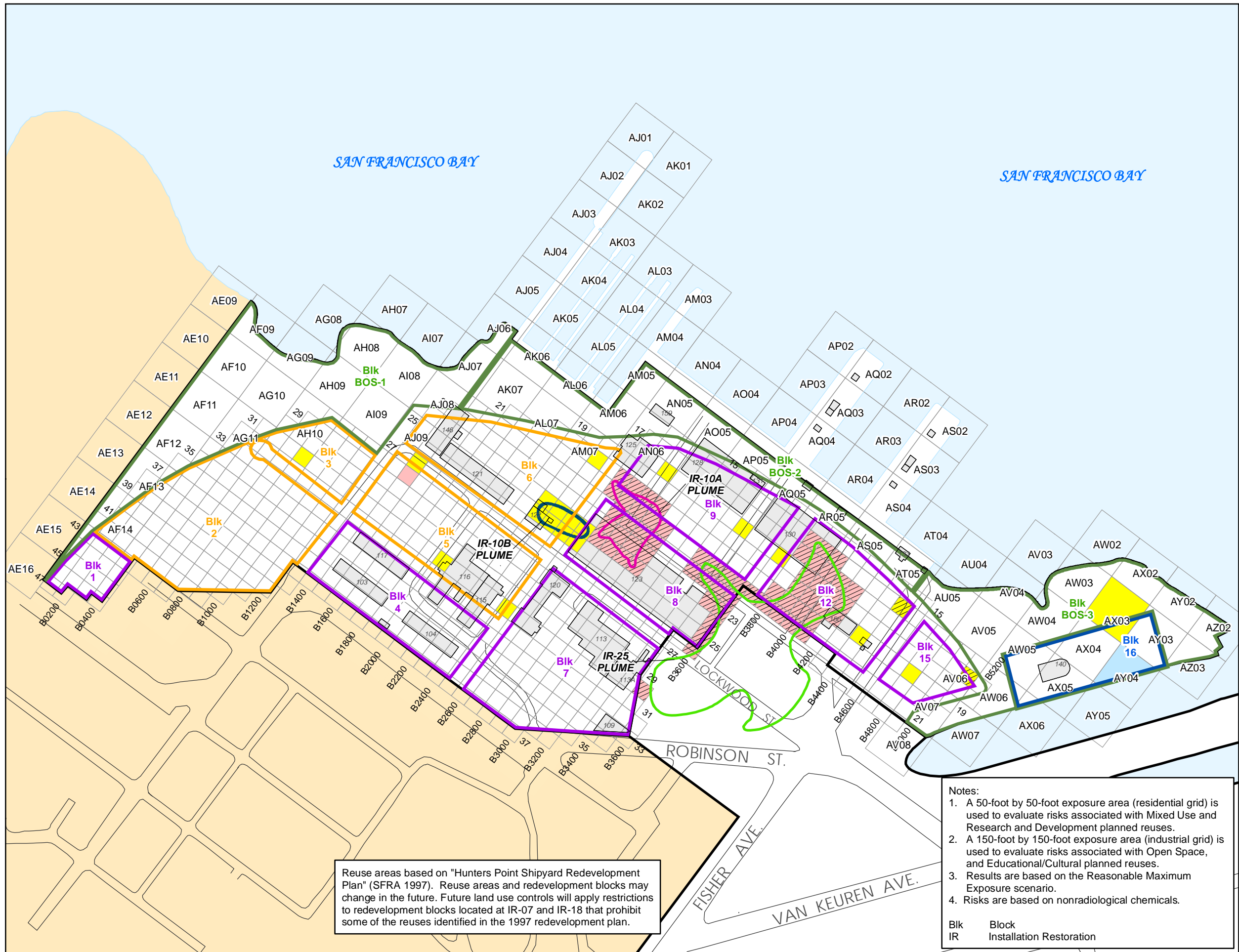
Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

**FIGURE 7-5
INCREMENTAL RISK - SUBSURFACE SOIL
(0 TO 10 FT BGS)
BASED ON PLANNED REUSE**
Amended ROD for Parcel B

Notes:
1. A 50-foot by 50-foot exposure area (residential grid) is used to evaluate risks associated with Mixed Use and Research and Development planned reuses.
2. A 150-foot by 150-foot exposure area (industrial grid) is used to evaluate risks associated with Open Space, and Educational/Cultural planned reuses.
3. Risks are based on nonradiological chemicals.

Blk Block
ft bgs Feet below ground surface
mg/kg Milligram per kilogram

Reuse areas based on "Hunters Point Shipyard Redevelopment Plan" (SFRA 1997). Reuse areas and redevelopment blocks may change in the future. Future land use controls will apply restrictions to redevelopment blocks located at IR-07 and IR-18 that prohibit some of the reuses identified in the 1997 redevelopment plan.



Location Map

- Research and Development
- Mixed Use
- Open Space
- Educational/Cultural
- IR-10A Plume
- IR-10B Plume
- IR-25 Plume
- Parcel Boundary
- Road
- Highest Segregated Hazard Index >1
- Residential Cancer Risk > 1E-06
- Residential and Industrial Cancer Risk ≤ 1E-06
- No Data
- Industrial Cancer Risk > 1E-06
- Building
- San Francisco Bay
- Non-Navy Property



0 300 600
Scale in Feet



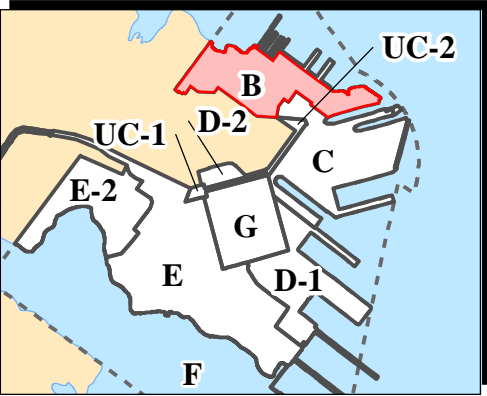
Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 7-6
GROUNDWATER VAPOR INTRUSION
RISKS IN A-AQUIFER
BASED ON PLANNED REUSE
Amended ROD for Parcel B

- Notes:
1. A 50-foot by 50-foot exposure area (residential grid) is used to evaluate risks associated with Mixed Use and Research and Development planned reuses.
 2. A 150-foot by 150-foot exposure area (industrial grid) is used to evaluate risks associated with Open Space, and Educational/Cultural planned reuses.
 3. Results are based on the Reasonable Maximum Exposure scenario.
 4. Risks are based on nonradiological chemicals.

Blk Block
IR Installation Restoration

Reuse areas based on "Hunters Point Shipyard Redevelopment Plan" (SFRA 1997). Reuse areas and redevelopment blocks may change in the future. Future land use controls will apply restrictions to redevelopment blocks located at IR-07 and IR-18 that prohibit some of the reuses identified in the 1997 redevelopment plan.



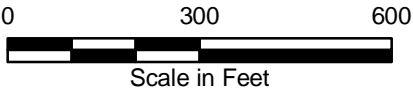
Location Map

- IR-10A Plume
- IR-10B Plume
- IR-25 Plume
- Parcel Boundary
- Highest Segregated Hazard Index > 1
- Residential Cancer Risk > 1E-06
- Residential Cancer Risk ≤ 1E-06
- Road
- Building
- San Francisco Bay
- Non-Navy Property

Notes:

- Results are based on the reasonable maximum exposure scenario.
- A 50-foot by 50-foot exposure area (residential grid) is used to evaluate risks associated with residential exposures.
- Risks are based on nonradiological chemicals.

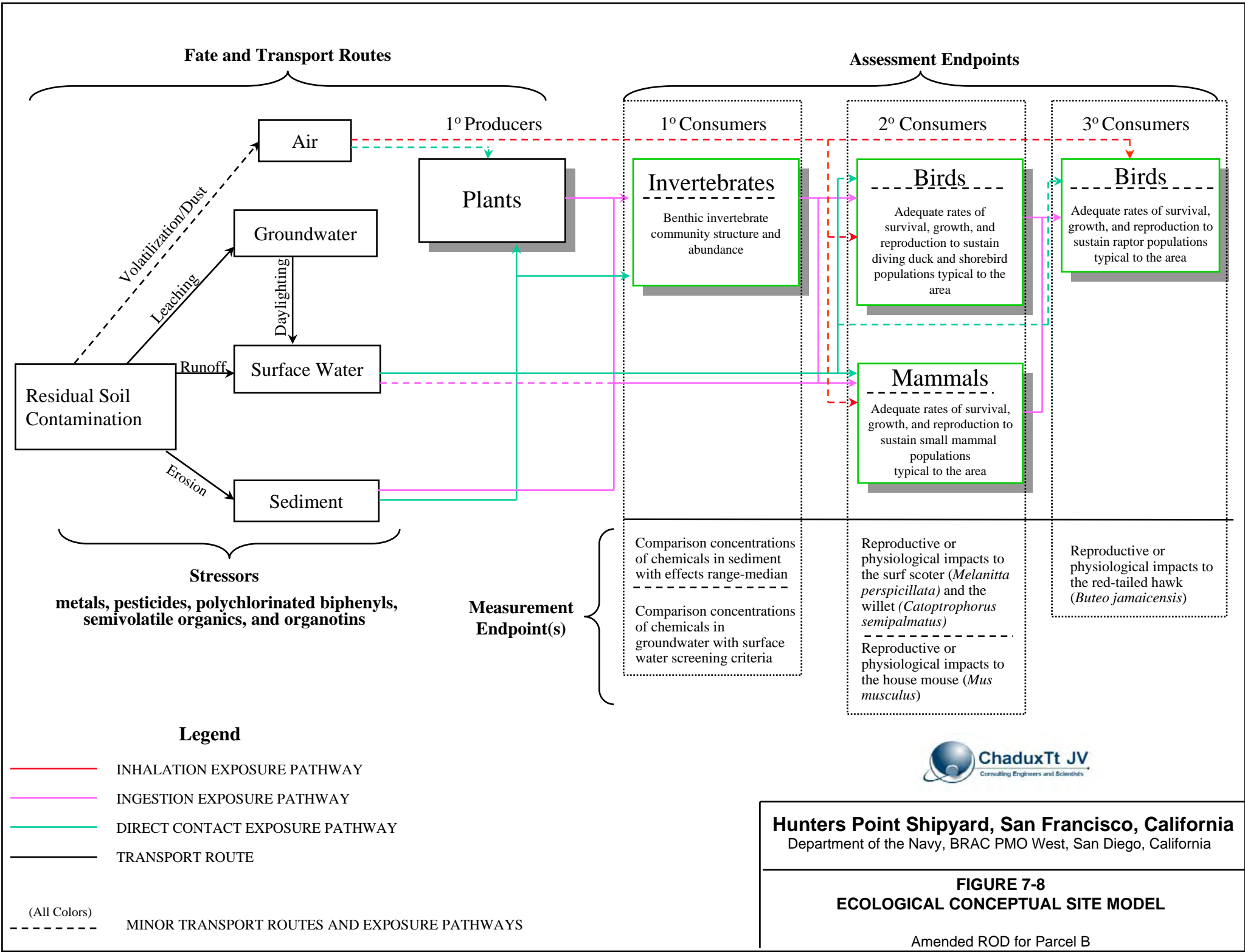
IR Installation Restoration



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 7-7
GROUNDWATER DOMESTIC USE
RISKS IN B-AQUIFER,
RESIDENTIAL EXPOSURE SCENARIO

Amended ROD for Parcel B



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 7-8
ECOLOGICAL CONCEPTUAL SITE MODEL

Amended ROD for Parcel B

TABLES

TABLE 7-1: CANCER RISKS AND NONCANCER HAZARDS FROM SOIL

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Redevelopment Block	Exposure Scenario	Cancer Risk		Noncancer Hazard Index ^a
		Chemical ^a	Radiological ^b	
1	Residential	2×10^{-6}	1×10^{-5}	< 1
2	Residential	9×10^{-6}	1×10^{-5}	2
3	Residential	3×10^{-3}	1×10^{-5}	9
4	Residential	c	3×10^{-6}	c
5	Residential	4×10^{-6}	d	< 1
6	Residential	8×10^{-6}	3×10^{-6}	2
7	Residential	4×10^{-4}	3×10^{-6}	3
8	Residential	2×10^{-4}	d	2
9	Residential	6×10^{-6}	3×10^{-6}	3
12	Residential	2×10^{-5}	3×10^{-6}	4
15	Residential	4×10^{-5}	4×10^{-5}	2
16	Industrial	1×10^{-4}	2×10^{-5}	< 1
BOS-1	Recreational	8×10^{-6}	1×10^{-5}	< 1
BOS-2	Recreational	3×10^{-7}	d	< 1
BOS-3	Recreational	8×10^{-5}	4×10^{-6}	< 1

Notes:

- a Listed risk value is maximum in each redevelopment block; risk values for nonradioactive chemicals are based on Tables A-19 and A-20 of the final TMSRA.
- b Risk from radiological contaminants includes soil and structures; risk values for radiological contaminants are based on Table 3-6 of the final TMSRA radiological addendum. Risk calculations for soil areas are based only on surface characterization and not on subsurface data. Risks will ultimately be based on the actual surface readings from the final status surveys.
- c Not applicable; samples were not collected because no historical activities occurred there.
- d Not applicable; no radiologically impacted areas or buildings were located in this block.

Note that future land use controls will apply restrictions to portions of Redevelopment Blocks 2 and 3 that will prohibit residential reuse. Redevelopment blocks based on 1997 redevelopment plan (SFRA 1997). Reuse areas and redevelopment blocks may change in the future.

SFRA San Francisco Redevelopment Agency

TMSRA Technical Memorandum in Support of a Record of Decision Amendment

Sources:

ChaduxTt. 2007. "Final Parcel B Technical Memorandum in Support of a Record of Decision Amendment, Hunters Point Shipyard, San Francisco, California." December 12.

SFRA. 1997. "Hunters Point Shipyard Redevelopment Plan." July 14.

Tetra Tech EC, Inc. 2008. "Final Parcel B Technical Memorandum in Support of a Record of Decision Amendment Radiological Addendum, Hunters Point Shipyard, San Francisco, California." March 14.

TABLE 7-2: CANCER RISKS AND NONCANCER HAZARDS FROM GROUNDWATER
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Redevelopment Block	Exposure Scenario	Cancer Risk	Noncancer Hazard Index
A-Aquifer. Risks based on Vapor Intrusion.			
1	Residential	a	a
2	Residential	b	b
3	Residential	$< 10^{-6}$	< 1
4	Residential	a	a
5	Residential	2×10^{-6}	< 1
6	Residential	$< 10^{-6}$	< 1
7	Residential	b	b
8	Residential	1×10^{-1}	331
9	Residential	6×10^{-3}	2
12	Residential	1×10^{-1}	331
15	Residential	c	1
16	Industrial	3×10^{-6}	< 1
BOS-1	Recreational	d	d
BOS-2	Recreational	d	d
BOS-3	Recreational	d	d
B-Aquifer. Risks based on Domestic Use.			
2	Residential	9×10^{-4}	< 1
BOS-1	Residential	1×10^{-3}	4

Notes: B-aquifer is present only at Redevelopment Blocks 2 and BOS-1. Risks for B-aquifer include A-aquifer data to address potential hydraulic communication between aquifers.

- a Not applicable; samples were not collected because no historical activities occurred there.
- b Not applicable; volatile chemicals not detected in groundwater in this block.
- c Not applicable; carcinogenic chemicals were not detected in groundwater in this block.
- d Not applicable; recreational users are not assumed to be exposed to groundwater.

Risk calculations are based on the groundwater data set used for the HHRA, which included the 12 most recent samples at each well for each chemical of concern. The data included samples collected from March 1989 through November 2004, and consequently may not represent current conditions.

Note that future land use controls will apply restrictions to portions of Redevelopment Blocks 2 and 3 that will prohibit residential reuse; likewise, future land use controls will prohibit the domestic use of groundwater throughout Parcel B. Redevelopment blocks based on 1997 redevelopment plan (SFRA 1997). Reuse areas and redevelopment blocks may change in the future.

SFRA San Francisco Redevelopment Agency

Source:

SFRA. 1997. "Hunters Point Shipyard Redevelopment Plan." July 14.

TABLE 7-3: RADIOLOGICAL RISK RESULTS

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

RESRAD-BUILD Results

Impacted Building	Radiological Risk^{a,b}	Dose (millirem/year)
Building 103	1.48×10^{-6}	7.02
Building 113	1.48×10^{-6}	7.02
Building 113A	1.60×10^{-6}	1.45
Building 130	1.60×10^{-6}	1.45
Building 140	1.44×10^{-6}	5.43
Building 146	1.16×10^{-6}	1.20

Notes:

- a Total risk and dose is equivalent to incremental risk and dose. Actual calculated dose and risk will be based on field measurements from the final status survey results. Incremental risk does not include risk from chemicals present at or below ambient levels; total risk includes risk from all chemical concentrations.
- b Total excess lifetime cancer risk

RESRAD Results

Total Dose and Risk^a		
Impacted Soil Area	Radiological Risk^b	Dose (millirem/year)
Building 142 Site	6.39×10^{-5}	3.48
Building 157 Site	8.90×10^{-5}	4.86
IR-07	4.51×10^{-5}	3.27
IR-18	4.51×10^{-5}	3.27

Incremental Dose and Risk^a		
Impacted Soil Area	Radiological Risk^b	Dose (millirem/year)
Building 142 Site	4.35×10^{-5}	2.39
Building 157 Site	5.97×10^{-5}	3.25
IR-07	3.02×10^{-5}	2.26
IR-18	3.02×10^{-5}	2.26

Notes:

- a Actual calculated dose and risk will be based on field measurements from the final status survey results.
- b Total excess lifetime cancer risk

Risk calculations for soil areas are based only on surface characterization and not on subsurface data. Risks consider only future risk based on radionuclides of concern at the release criteria. Risks will ultimately be based on the actual surface readings from the final status surveys.

Building 114 is not included because the site of former Building 114 has previously been surveyed and the final status survey documentation is pending submittal. Preliminarily, the site has been identified for "free release", and a request for concurrence will be submitted concurrently with the final status survey document.

IR Installation Restoration
 RESRAD Residual radioactive (model)
 RESRAD-BUILD Residual radioactive-building (model)

8.0 AMENDED REMEDIAL ACTION OBJECTIVES

This section summarizes the amended RAOs identified for Parcel B based on the future site use and the results of the HHRA and SLERA. RAOs were amended to reflect changes in the COCs (for example, the addition of radionuclides), changes in exposure pathways (for example, domestic use of groundwater in the B-aquifer), and changes in receptors (such as ecological receptors) since the 1997 ROD. RAOs provide the foundation used to develop the remedial alternatives for a site. An RAO is a statement that contains an objective for the protection of one or more specific receptors from exposure to one or more specific chemicals in a specific medium (such as soil, groundwater, or air) at a site. Reasonably anticipated future use of the site is an important consideration in selecting the RAOs and, thus, the remedy selected for the site. Amended RAOs for Parcel B were selected based on the future reuses identified in the redevelopment plan ([SFRA 1997](#)). Changes to the future reuse plans may result in further changes to the application of the RAOs and, potentially, to the remedy.

The following sections summarize the amended RAOs developed for soil and sediment, groundwater, and radiologically impacted soil and structures at Parcel B based on the identified COCs, potential receptors and exposure pathways, and ARARs. RAOs related to soil gas are incorporated into the discussions of soil and groundwater because COCs in soil gas are influenced by the concentrations of the COCs in both soil and groundwater.

8.1 SOIL AND SEDIMENT

Separate RAOs were developed for human and ecological receptors. Ecological RAOs were developed only for soil and sediment in shoreline areas. No ecological RAOs were developed for other soil at Parcel B because most of the land is paved and the parcel contains no identified terrestrial habitat.

The following RAOs apply to Parcel B soil and sediment:

1. Prevent exposure to organic and inorganic compounds in soil at concentrations above remediation goals developed in the HHRA (see [Table 8-1](#)) for the following exposure pathways:
 - (a) Ingestion of, outdoor inhalation of, and dermal exposure to soil
 - (b) Ingestion of homegrown produce by residents in research and development and mixed-use reuse areas
2. Prevent exposure to VOCs in soil gas at concentrations that would pose unacceptable risk (that is, risk greater than 10^{-6}) via indoor inhalation of vapors.
3. Reduce presence of methane in soil gas such that concentrations do not accumulate and become explosive in structures.
4. Prevent or minimize exposure of ecological receptors to organic and inorganic compounds in soil and sediment in shoreline areas at concentrations above remediation goals established for sediment (see [Table 8-2](#)).

8.2 GROUNDWATER

RAOs for groundwater were selected based on the various exposure scenarios indicating potential risk to human health and ecological receptors from groundwater. The RAOs for groundwater include:

1. Prevent exposure to VOCs and mercury in the A-aquifer groundwater at concentrations above remediation goals via indoor inhalation of vapors from groundwater (see [Table 8-3](#)).
2. Prevent direct exposure to B-aquifer groundwater at concentrations above remediation goals (see [Table 8-3](#)) through the domestic use pathway (for example, drinking water or showering).
3. Prevent or minimize exposure of construction workers to metals, VOCs, and semivolatile organic compounds (SVOC) in the A-aquifer groundwater at concentrations above remediation goals from dermal exposure and inhalation of vapors from groundwater (see [Table 8-3](#)).
4. Prevent or minimize migration to the surface water of San Francisco Bay of chromium VI, copper, lead, and mercury in the A-aquifer groundwater that would result in concentrations of chromium VI above 50 µg/L, copper above 28.04 µg/L, lead above 14.44 µg/L, and mercury above 0.6 µg/L in the surface water of San Francisco Bay. This RAO is intended to protect the beneficial uses of the bay, including ecological receptors.

Remediation goals for VOCs to address exposure via indoor inhalation of vapors listed in [Table 8-3](#) may be superseded based on COC identification information from soil gas surveys that may be conducted in the future. Future action levels would be established for soil gas, would account for vapors from both soil and groundwater, and would be calculated based on a cumulative risk level of 10^{-6} using the accepted methodology for risk assessments at HPS.

Remediation goals for soil, sediment, and groundwater were selected, by chemical, based on a comparison of (1) the concentration calculated in the risk assessment corresponding to a cancer risk of 10^{-6} or a noncancer hazard index of 1, (2) the laboratory practical quantitation limit (PQL), and (3) for metals only, the ambient level at Hunters Point Shipyard (the HPAL for soil and the HGAL for groundwater). The highest of the three values was selected as the remediation goal for each chemical. The same comparison was made for groundwater, with one additional constraint. If a legal requirement (see the discussion of ARARs in [Section 13.0](#)) applied to the chemical, the value specified in the legal requirement was selected.

8.3 RADIOLOGICALLY IMPACTED SOIL AND STRUCTURES

The remediation goals for radiologically impacted sites listed in [Table 8-4](#) were selected to prevent exposure to radionuclides on building surfaces or in soil. The remediation goals were selected after each radionuclide of concern was appropriately modeled for the proposed reuse of the property, to ensure that the impact on human health and the environment meets all regulatory requirements. The RAO for radiologically impacted sites is:

1. Prevent exposure to radionuclides of concern in concentrations that exceed remediation goals (see [Table 8-4](#)) for the ingestion or inhalation exposure pathways.

TABLES

TABLE 8-1: REMEDIATION GOALS FOR SOIL

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Exposure Scenario	Chemical of Concern	Remediation Goal (mg/kg)	Basis for Goal
Residential	Antimony	10	RBC
	Aroclor-1254	0.093	RBC
	Aroclor-1260	0.21	RBC
	Arsenic	11.1	HPAL
	Benzo(a)anthracene	0.37	RBC
	Benzo(a)pyrene	0.33	PQL
	Benzo(b)fluoranthene	0.34	RBC
	Benzo(k)fluoranthene	0.34	RBC
	Beta-BHC	0.0066	RBC
	Bis(2-ethylhexyl)phthalate	1.1	RBC
	Cadmium	3.5	RBC
	Copper	159	RBC
	Dibenz(a,h)anthracene	0.33	PQL
	Dieldrin	0.0034	PQL
	Heptachlor epoxide	0.0017	PQL
	Indeno(1,2,3-cd) pyrene	0.35	RBC
	Iron	58,000	HPAL
	Lead	155	RBC
	Manganese	1,431	HPAL
	Mercury	2.3	HPAL
	Naphthalene	1.7	RBC
	Tetrachloroethene	0.48	RBC
	Trichloroethene	2.9	RBC
	Vanadium	117	HPAL
	Zinc	373	RBC
Recreational	Aroclor-1254	0.74	RBC
	Aroclor-1260	0.74	RBC
	Arsenic	11.1	HPAL
	Benzo(a)pyrene	0.33	PQL
	Lead	155	RBC
Industrial	Arsenic	11.1	HPAL
	Benzo(a)anthracene	1.8	RBC
	Benzo(a)pyrene	0.33	PQL
Construction Worker	Aroclor-1260	2.1	RBC
	Arsenic	11.1	HPAL
	Benzo(a)pyrene	0.65	RBC
	Lead	800	RBC
	Trichloroethene	151	RBC

Notes:

Exposures in the residential, industrial, and construction worker scenarios consider exposure to soil from 0 to 10 feet below ground surface. The recreational exposure scenario considers exposure to soil from 0 to 2 feet below ground surface.

HPAL Hunters Point ambient level
mg/kg Milligram per kilogram

PQL Practical quantitation limit
RBC Risk-based concentration

TABLE 8-2: REMEDIATION GOALS FOR SEDIMENT

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Exposure Scenario	Chemical of Concern	Remediation Goal (mg/kg)	Basis for Goal
Ecological Receptor	Aluminum	3,400	RBC
	Copper	270	RBC
	Dibenz(a,h)anthracene	0.33	PQL
	Dieldrin	0.008	RBC
	Lead	218	RBC
	Methoxychlor	0.4	RBC
	Total Aroclors	0.18	RBC
	Total DDT	0.046	RBC
	Zinc	410	RBC

Notes:

mg/kg Milligram per kilogram
PQL Practical quantitation limit
RBC Risk-based concentration

TABLE 8-3: REMEDIATION GOALS FOR GROUNDWATER

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Exposure Scenario	Chemical of Concern	Remediation Goal (µg/L)	Basis for Goal
A-Aquifer Groundwater			
Residential Vapor Intrusion	1,2,4-Trichlorobenzene	66	RBC
	1,2,4-Trimethylbenzene	25	RBC
	1,2-Dichlorobenzene	2,561	RBC
	1,2-Dichloroethane	2.3	RBC
	1,2-Dichloroethene (total)	209	RBC
	1,2-Dichloropropane	1.1	RBC
	1,3,5-Trimethylbenzene	19	RBC
	1,4-Dichlorobenzene	2.1	RBC
	2-Methylnaphthalene	707	RBC
	Benzene	0.5	PQL
	Bromodichloromethane	1	RBC
	Chlorobenzene	392	RBC
	Chloroethane	6.5	RBC
	Chloroform	1.0	PQL
	cis-1,2-Dichloroethene	209	RBC
	Dichlorodifluoromethane	14	RBC
	Mercury	0.68	RBC
	Methylene chloride	27	RBC
	Naphthalene	3.6	RBC
	Tetrachloroethene	1	PQL
	trans-1,2-Dichloroethene	182	RBC
	Trichloroethene	2.9	RBC
	Trichlorofluoromethane	176	RBC
	Vinyl chloride	0.5	PQL
Industrial Vapor Intrusion	Chloroform	1.2	RBC
Construction Worker Trench Exposure	1,2,4-Trichlorobenzene	55	RBC
	1,2,4-Trimethylbenzene	72	RBC
	1,2-Dichlorobenzene	2,215	RBC
	1,2-Dichloroethane	30	RBC
	1,2-Dichloroethene (total)	363	RBC
	1,2-Dichloropropane	40	RBC
	1,4-Dichlorobenzene	68	RBC
	2,4,6-Trichlorophenol	15	RBC
	2,4-Dimethylphenol	9,801	RBC
	2,4-Dinitrotoluene	179	RBC
	2-Methylnaphthalene	140	RBC
	4-Methylphenol	3,500	RBC

TABLE 8-3: REMEDIATION GOALS FOR GROUNDWATER (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Exposure Scenario	Chemical of Concern	Remediation Goal (µg/L)	Basis for Goal
A-Aquifer Groundwater (Continued)			
Construction Worker Trench Exposure (Continued)	Arsenic	40	RBC
	Benzene	22	RBC
	Benzo(a)anthracene	2	PQL
	Benzo(a)pyrene	2	PQL
	Bromodichloromethane	26	RBC
	Chlorobenzene	594	RBC
	Chloroform	36	RBC
	Chrysene	6.4	RBC
	cis-1,2-Dichloroethene	363	RBC
	Mercury	4.68	RBC
	Naphthalene	20	RBC
	Pentachlorophenol	25	PQL
	Tetrachloroethene	19	RBC
	trans-1,2-Dichloroethene	721	RBC
	Trichloroethene	374	RBC
	Vinyl chloride	7.2	RBC
B-Aquifer Groundwater			
Residential Domestic Use	1,4-Dichlorobenzene	7.5	ARAR
	Antimony	43.26	HGAL
	Arsenic	27.34	HGAL
	Benzene	5	ARAR
	Chloroethane	4.6	RBC
	Manganese	8,140	HGAL
	Pentachlorophenol	25	PQL
	Thallium	12.97	HGAL
	Trichloroethene	5	ARAR

Notes:

Remediation goals for VOCs to address exposure via indoor inhalation of vapors may be superseded based on COC identification information from soil gas surveys that may be conducted in the future. These future action levels would be established for soil gas, would account for vapors from both soil and groundwater, and would be calculated based on a cumulative risk level of 10^{-6} using the accepted methodology for risk assessments at HPS.

µg/L	Microgram per liter
ARAR	Applicable or relevant and appropriate requirement
HGAL	Hunters Point groundwater ambient level
PQL	Practical quantitation limit
RBC	Risk-based concentration

TABLE 8-4: REMEDIATION GOALS FOR RADIOLOGICALLY IMPACTED SOIL, STRUCTURES, AND GROUNDWATER

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Remediation Goals for Radionuclides					
Radionuclide	Surfaces (dpm/100cm ²)		Soil ^c (pCi/g)		Water ^e (pCi/L)
	Equipment, Waste ^a	Structures ^b	Construction Worker	Residential ^g	Equipment, Waste ^a
Cesium-137	5,000	5,000	0.113	0.113	119
Cobalt-60	5,000	5,000	0.0602	0.0361	100
Plutonium-239	100	100	14.0	2.59	15
Radium-226	100	100	1.0 ^d	1.0 ^d	5.0 ^f
Strontium-90	1,000	1,000	10.8	0.331	8.0

Notes:

- a Based on "AEC Regulatory Guide 1.86" (1974). Goals for removable surface activity are 20 percent of these values
- b Goals are based on 25 millirem per year (EPA does not believe this NRC regulation is protective of human health and the environment, and the HPS cleanup goals are more protective. This regulation is an ARAR only for radiologically impacted sites that are undergoing TCRAs and any additional remedial action required for those sites. It is not an ARAR for radiologically impacted portions of IR Sites 7 and 18 that will be transferred with engineering and institutional controls for radiological contaminants.)
- c EPA PRGs for two future use scenarios
- d Goal is 1 pCi/g above background per agreement with EPA
- e Release criteria for water were derived from "Radionuclides Notice of Data Availability Technical Document" (EPA 2000) by comparing the limits from two criteria and using the most conservative value.
- f Goal is for total radium concentration
- g Also applies to scanned surface soil at IR Sites 7 and 18

AEC	Atomic Energy Commission	IR	Installation Restoration
ARAR	Applicable or relevant and appropriate requirement	NRC	Nuclear Regulatory Commission
cm ²	square centimeter	pCi/g	picocurie per gram
dpm	disintegration per minute	pCi/L	picocurie per liter
EPA	U.S. Environmental Protection Agency	PRG	Preliminary remediation goal
HPS	Hunters Point Shipyard	TCRA	Time-critical removal action

Source of Goals:

- EPA. 2000. "Radionuclides Notice of Data Availability Technical Support Document." Targeting and Analysis Branch, Standards and Risk Management Division, Office of Groundwater and Drinking Water. March.
- Navy. 2006. "Final Basewide Radiological Removal Action, Action Memorandum, Revision 2006, Hunters Point Shipyard, San Francisco, California." April 21, 2006.

9.0 DESCRIPTION OF AMENDED REMEDIAL ALTERNATIVES

Amended remedial alternatives for soil, groundwater, and radiologically impacted sites at Parcel B were developed in accordance with the requirements identified in CERCLA, as amended by SARA, 42 U.S.C. § 9601, et seq. and the NCP. Five alternatives were developed for soil, three alternatives were developed for groundwater and three alternatives were developed for radiologically impacted soil and structures. These amended alternatives, including the evaluation of technologies and screening process that led to the development of these alternatives, were presented in the TMSRA ([ChaduxTt 2007](#)). The amended remedial alternatives are also compared with the original 1997 ROD alternatives in the TMSRA.

The amended remedial alternatives are listed below and discussed in the following sections.

9.1 AMENDED REMEDIAL ALTERNATIVES FOR SOIL

The following remedial alternatives were identified for soil at Parcel B:

- Alternative S-1 – No Action
- Alternative S-2 – Institutional Controls, Maintained Landscaping, and Shoreline Revetment
- Alternative S-3 – Excavation, Methane and Mercury Source Removal, Disposal, Maintained Landscaping, Institutional Controls, and Shoreline Revetment
- Alternative S-4 – Covers, Methane and Mercury Source Removal, Institutional Controls, and Shoreline Revetment
- Alternative S-5 – Excavation, Methane and Mercury Source Removal, Disposal, Covers, SVE, Institutional Controls, and Shoreline Revetment

Each of these alternatives is discussed below.

9.1.1 Alternative S-1 – No Action

Under Alternative S-1, remedial actions would not be performed. Soil would be left in place without implementing any response actions. The no-action response is retained as required by the NCP to provide a baseline for comparison with other alternatives. No cost is associated with this alternative.

9.1.2 Alternative S-2 – Institutional Controls, Maintained Landscaping, and Shoreline Revetment

Alternative S-2 uses a combination of institutional controls, maintained landscaping, and constructing a shoreline revetment that, together, would meet the RAOs. Institutional controls would be implemented parcel-wide for all of the redevelopment blocks to prevent exposure to

potential unacceptable risks posed by COCs in soil. Institutional controls including land use and activity restrictions would be incorporated into legal instruments (restrictive covenants) that would be enforceable against future transferees. [Section 12.2.1.5](#) describes institutional controls in detail. Institutional and engineering controls are the primary components for preventing exposure to COCs under this alternative.

Maintained landscaping would be required as an engineering control for areas that have been disturbed by excavation or construction and have not been restored with a cover (for example, clean imported soil, asphalt, or concrete). The maintained landscaping would prevent potential exposure to asbestos (that may be present in surface soil and transported by wind erosion) that would not be addressed by institutional controls alone. The RD would include specifications for the maintained landscaping (for example, plant types and cover density) as well as inspection and monitoring requirements.

The shoreline revetment would be constructed to protect the entire shoreline for Redevelopment Blocks BOS-1 and BOS-3, where the revetment was deemed necessary based on the results of the SLERA. The shoreline revetment would be constructed to eliminate exposure to contaminated shoreline sediment and to prevent migration of contaminated soil from inland locations to the bay. The revetments would cover the shoreline and could consist of layers of riprap overlying geofabric filters designed to prevent erosion and migration of fine material. Approximately 2,500 feet of shoreline would need revetment.

The 1,300-ft² wetland at Redevelopment Block BOS-1 would be filled and the Navy would mitigate the loss of the wetland through either compensatory mitigation, mitigation banking, or an in-lieu fee arrangement. Details of the shoreline revetment, including the plan for wetland mitigation, will be further refined during the RD. Institutional controls would be implemented to maintain the integrity of the shoreline revetment at Parcel B.

The shoreline revetment is a common element among Alternatives S-2, S-3, S-4, and S-5. The revetment is estimated to cost \$2.9 million (capital cost only) and take about 6 months to build. The revetment will use proven shoreline stabilization techniques and the long-term effectiveness of the revetment is expected to be very good.

Engineering controls and institutional controls are estimated to cost \$500,000 (capital only) and require a minimal amount of time (1 to 2 months) to implement. The effectiveness of this remaining portion of Alternative S-2 (that is, without the revetment) depends on the reliability of the engineering controls (fences, barriers, signs, and maintained landscaping) and the degree of enforcement of institutional controls. The estimated overall cost of Alternative S-2 is \$5.5 million, which includes capital, the present value of 30 years of recurring periodic costs (such as operation and maintenance [O&M], inspections, and reporting), and contingency costs.

9.1.3 Alternative S-3 – Excavation, Methane and Mercury Source Removal, Disposal, Maintained Landscaping, Institutional Controls, and Shoreline Revetment

Alternative S-3 consists of soil excavation and off-site disposal in addition to the institutional controls, maintained landscaping, and shoreline revetment discussed in Alternative S-2. Areas

where organic chemicals (including the methane source), mercury, and lead are COCs would be excavated to remediate these COCs to remediation goals. The engineering and institutional controls under this alternative would be the same as for Alternative S-2 and would be used to prevent exposure to potential unacceptable risk posed by other COCs in soil (that is, the ubiquitous metals at concentrations above remediation goals).

Soil would be excavated in specific areas within selected areas at Parcel B, as described below:

- Soil contaminated with organic chemicals and lead at concentrations that exceed remediation goals based on the planned reuse (SFRA 1997) would be excavated. Excavation would occur to a maximum depth of 10 feet bgs at risk grid B3416 (for lead in Redevelopment Block 9; see Figure 9-1), B3426 (for lead in Redevelopment Block 8; see Figure 9-2) and B4716 (for organic chemicals in Redevelopment Block 15; see Figure 9-3). The combined volume of soil for all three excavations is estimated to be less than 250 cubic yards.
- Soil and debris from the methane source area at Redevelopment Block 3 would be excavated (see Figure 9-4). Soil would be excavated to a depth of 20 feet bgs over an area of 50 feet by 150 feet (for an estimated volume of 5,600 cubic yards). Post-excavation monitoring of soil gas concentrations would be conducted to confirm methane levels meet the RAO. If methane source removal is not feasible based on site conditions (for example, if methane is produced from organic material in the native sediments instead of from identifiable construction debris), methane venting may be added as a contingency to mitigate potential risk from methane.
 - The Navy decided to address the newly identified methane source using a TCRA. The Navy removed more than 12,000 cubic yards of soil and debris to a maximum depth of 27 feet during August and September 2008 to remove the methane source.
 - Although this TCRA may not be completed by the time the amended ROD is signed, the Navy anticipates that the TCRA will meet the RAOs described in this amended ROD. In the event that the TCRA does not achieve the RAOs, cleanup will continue in accordance with the remedial action selected in this ROD until the RAOs are achieved.
- Soil from the mercury source area at former Excavation EE-05 would be excavated (see Figure 9-5). The vertical extent of the mercury concentrations that exceed the remediation goal would be delineated to identify the mercury source material. Horizontal delineation can be estimated from the previous remedial action. Contaminated soil will be excavated from within the area of former Excavation EE-05 from 10 feet bgs to a depth of 15 feet bgs (the estimated depth of bedrock in the area) over an area of 60 feet by 250 feet (for an estimated volume of about 2,800 cubic yards).

- The Navy decided to address the newly identified mercury source using a TCRA. The Navy removed more than 6,000 cubic yards of soil to a maximum depth of 18 feet during August and September 2008 to remove the mercury source.
- Although this TCRA may not be completed by the time the amended ROD is signed, the Navy anticipates that the TCRA will meet the RAOs described in this amended ROD. In the event that the TCRA does not achieve the RAOs, cleanup will continue in accordance with the remedial action selected in this ROD until the RAOs are achieved.
- The need to excavate and remove soil or sediment for construction of the shoreline revetment would be evaluated during the RD; the cost estimate for the shoreline revetment included disposal of 6,000 cubic yards of sediment to establish appropriate grades and to allow placement of erosion control materials at appropriate elevations relative to sea level.
- The open excavations would be backfilled with clean soil, and the excavated soil that contains COCs would be removed from the site and transported to an appropriate disposal facility.
- Areas of soil that have been disturbed by excavation or construction and have not been restored with a cover would be covered by maintained landscaping as described in Alternative S-2.
- All other areas that present potential unacceptable incremental risk from potential exposure to COCs in soil (see [Figure 9-6](#)) would be left in place and addressed through institutional controls. The following bullets provide specific examples.
 - Excavation would not be proposed for any areas at Redevelopment Blocks 2, 3, and BOS-1 based on the presence of debris fill in those areas and the known difficulties of attempting removals in debris fill areas.
 - Excavation would not be proposed beneath existing buildings; building slabs and foundations act as adequate covers (grid B1626 and grids at Redevelopment Block 8).
 - Excavation would not be proposed to remove contaminants present at 10 feet bgs (except as discussed above for the mercury source area at Excavation EE-05); the overlying soil would act as an adequate cover (grids B4017, B4520, AX04, and AY03).

The methane and mercury source removals are also common elements among Alternatives S-3, S-4, and S-5. The methane source removal is estimated to cost \$2.7 million (capital cost only) and to take about 6 months to complete. The mercury source removal is estimated to cost \$1.3 million (capital cost only) and also take about 6 months to complete. These excavation and disposal components would provide excellent long-term effectiveness.

Excavation and off-site disposal are significant elements of this alternative; however, institutional controls are still a major component for preventing exposure to potential unacceptable risk posed by the soil left in place. Institutional controls are described in detail in [Section 12.2.1.5](#).

The estimated overall cost of Alternative S-3 is \$11.2 million.

9.1.4 Alternative S-4 – Covers, Methane and Mercury Source Removal, Institutional Controls, and Shoreline Revetment

Alternative S-4 consists of covers to ensure the exposure pathway to contaminants in soil remains blocked and institutional controls to maintain the integrity of the covers. Alternative S-4 also contains the same methane and mercury source removal components that are described in Alternative S-3 and the shoreline revetment component included in Alternatives S-2 and S-3. Alternative S-4 provides physical barriers to cut off the exposure pathways to soil at Parcel B. Covers would be required at all redevelopment blocks to prevent human exposure to ubiquitous metals in soil that may pose an unacceptable risk. The institutional controls are discussed in [Section 12.2.1.5](#).

Redevelopment blocks with soil that contains metals (including lead) and organic chemicals that pose a potential unacceptable risk would be covered to allow for currently planned land uses. Covers would be applied to an entire redevelopment block if any grid within the block requires a cover based on ease and efficiency of implementation, consistency in long-term enforcement, and effectiveness of long-term maintenance.

Covers would be achieved in two ways:

- **Use of Existing Covers:** Existing asphalt and concrete surfaces and buildings would be considered existing covers. These may include existing building footprints, roads, and parking lots. These existing covers may require rehabilitation, such as sealing or repairing cracks. Likewise, existing concrete surfaces such as building slabs would be repaired if a building was demolished.
- **New Covers:** Where covers are needed, areas would be covered with a durable material that will not break, erode, or deteriorate such that the underlying soil becomes exposed. Standard construction practices for roads, sidewalks, and buildings would likely be adequate to meet this performance standard. Other examples of covers could include a minimum 4 inches of asphalt or a minimum 2 feet of clean imported soil. All covers must achieve a full cover over the entire redevelopment block. The exact nature and specifications for covers can vary from block to block, but all covers must meet the performance standard of preventing exposure to soil and durability. Backfill for soil covers would be tested and confirmed to not contain contaminants at concentrations exceeding remediation goals and to contain less than 0.25 percent asbestos. The soil cover may overlay existing grades. Appropriate covers for the open space reuse blocks would depend on the details of redevelopment.

It is estimated from aerial photographs of Parcel B that approximately 16 acres would be covered with soil, 3 acres would be covered by the shoreline revetment, and 40 acres of existing asphalt and concrete surfaces (including buildings) would be used and repaired, as necessary (see [Figure 9-7](#)). The actual extent of cover types would be identified in the RD.

Covers, and the institutional controls to maintain their integrity, are the primary component of Alternative S-4. Alternative S-4 also includes the common elements of methane and mercury source removal and shoreline revetment discussed in Alternatives S-2 and S-3. The estimated overall cost of Alternative S-3 is \$12.4 million.

9.1.5 Alternative S-5 – Excavation, Methane and Mercury Source Removal, Disposal, Covers, SVE, Institutional Controls, and Shoreline Revetment

Alternative S-5 consists of a combination of soil excavation (including methane and mercury source removal) and off-site disposal, covers, SVE for VOCs, institutional controls, and shoreline revetment. This alternative was developed as a combined alternative to (1) remove and dispose of organic COCs, mercury, and lead, as described in Alternative S-3, (2) implement and maintain block-wide covers, as described in Alternative S-4, (3) remove and treat VOCs in soil using SVE, and (4) implement the institutional controls and construct the shoreline revetment, as described in Alternative S-2.

Alternative S-5 would include expansion and continued operation of the pilot-scale SVE system that was operated at IR-10 (Building 123) (ITSI 2006). SVE would be implemented as a source reduction measure, and the other actions associated with Alternative S-5 would provide overall protectiveness to meet the RAOs. Institutional controls to address vapor intrusion will be a component of the remedy. Refer to [Section 12.2.1.5](#) for details on areas requiring institutional controls (ARIC).

Alternative S-5 also combines components of Alternatives S-2, S-3, and S-4 to provide the maximum amount of treatment for COCs in soil. The estimated overall cost of Alternative S-5 is \$13.6 million.

9.2 AMENDED REMEDIAL ALTERNATIVES FOR GROUNDWATER

The following remedial alternatives were identified for groundwater at Parcel B:

- Alternative GW-1 – No Action
- Alternative GW-2 – Long-Term Groundwater Monitoring and Institutional Controls
- Alternatives GW-3A and GW-3B – In Situ Treatment, Groundwater Monitoring, and Institutional Controls

Each of these alternatives is discussed below.

9.2.1 Alternative GW-1 – No Action

Under Alternative GW-1, remedial actions would not be performed. Groundwater would be left in place without implementing any response actions. The no-action response is retained as required by the NCP to provide a baseline for comparison with other alternatives. No cost is associated with this alternative.

9.2.2 Alternative GW-2 – Long-Term Groundwater Monitoring and Institutional Controls

Alternative GW-2 consists of groundwater monitoring and institutional controls. The groundwater monitoring addresses all of the COCs identified in [Section 7.0](#) whether they were derived from the HHRA, the SLERA, or the surface water quality screening evaluation. Groundwater in the A-aquifer would be monitored where metals and VOCs are detected at concentrations above remediation goals. Details of groundwater monitoring (such as wells to be monitored, the analytical suite, laboratory analytical methods, sample collection procedures, and quality control requirements) would be included in the RD. Additionally, the Navy is implementing an adaptable strategy for groundwater monitoring based on the Triad approach to allow flexibility to optimize monitoring. Results of groundwater monitoring would be used during 5-year reviews to assess the monitoring program, adjust the data collection and analysis requirements, and evaluate the need for other response actions. Groundwater monitoring would continue until remediation goals are met.

The overall objectives for groundwater monitoring include:

- Monitor the potential migration of COCs into previously uncontaminated areas and potential migration toward San Francisco Bay
- Monitor the changes in concentrations within a plume, including the effects of remedial actions and previous treatability studies
- Monitor concentrations in and near individual wells where the HHRA indicated potential risk

Institutional controls are part of Alternative GW-2 and are described in detail in [Section 12.2.1.5](#). Institutional controls include parcel-wide prohibitions against installation of wells and use of groundwater without approval as well as specific restrictions related to VOC vapors. Institutional controls would be in place to prohibit use of buildings or other enclosures where there is potential unacceptable risk from the vapor intrusion pathway and would require engineering controls on all new buildings occupied in areas where groundwater plumes may present potential unacceptable risk from the vapor intrusion pathway. Institutional controls to address vapor intrusion will be a component of the remedy, but specific ARICs for VOCs would be selected after remediation was complete. The results of a site-specific soil gas survey would be the basis for the ARICs for VOCs. The soil gas survey would address both soil and groundwater areas where vapor intrusion is a concern. The ARICs for VOCs may be modified by the FFA signatories as the soil contamination areas and groundwater plumes that are producing unacceptable vapor inhalation risks are reduced over time or in response to further soil, vapor, and groundwater sampling and analysis for VOCs that establishes that areas originally included in the ARICs do not pose unacceptable potential exposure risk to VOC vapors.

Alternative GW-2 relies on monitoring and institutional controls without active treatment. Institutional controls are the primary component for preventing exposure to COCs under this alternative. Installation of additional groundwater monitoring wells and establishment of institutional controls are estimated to cost \$150,000 (capital only) and require a minimal amount

of time (1 to 2 months) to implement. The effectiveness of Alternative GW-2 depends on the degree of enforcement of institutional controls. The estimated overall cost of Alternative GW-2 is \$2.0 million.

9.2.3 Alternatives GW-3A and GW-3B – In Situ Treatment, Groundwater Monitoring, and Institutional Controls

Alternatives GW-3A and GW-3B consists of three elements: (1) in situ treatment of groundwater, (2) reduced groundwater monitoring compared with the monitoring-only alternative (Alternative GW-2), and (3) institutional controls. The analysis of Alternatives GW-3A and GW-3B was based on in situ injection treatments. The only difference between Alternatives GW-3A and GW-3B is the type of material used to treat the groundwater. The groundwater treatment materials evaluated in the TMSRA were a substrate for biodegradation (Alternative GW-3A) or a slurry of ZVI for chemical reduction (Alternative GW-3B). Details of in situ treatment options would be further refined during the RD. The major components of Alternatives GW-3A and GW-3B are described below.

9.2.3.1 Treatment for VOCs

In situ treatment would use either a biodegradation substrate (Alternative GW-3A) or ZVI (Alternative GW-3B) to actively mitigate contaminants where concentrations are highest in the IR-10A groundwater plume. This treatment is based on the 2004 groundwater plume as presented on [Figure 7-3](#). Plume conditions may continue to change over time as a result of the continued effects of treatability studies. The RD would use current information on plume extent and concentration to select the actual injection parameters. The assumed process involves a single injection of the treatment compound into groundwater to reduce the contaminant concentrations to or near remediation goals. The treatment process also assumes that a successful injection can be implemented, as demonstrated during the pilot study at Parcel B, where 130,500 pounds of ZVI was injected in 2003 ([ERRG and URS 2004](#)).

Relatively low concentrations of the COCs in the groundwater at Parcel B are observed compared with other remedial sites where injection treatments have been successful; therefore, using either biodegradation substrate or ZVI as the injection material has a high probability of success with one inoculation. However, these materials affect the COCs differently.

The assumed biodegradation substrate (glycerol polylactate) creates reducing conditions in the aquifer by forming lactic acid and hydrogen, which microbes use to degrade chlorinated VOCs. This biodegradation substrate treatment is a timed-release compound that will continue to react for up to several years, depending on the dose of the treatment. This timed-release reaction is beneficial in low-permeability aquifers such as the A-aquifer at Parcel B because the slow release allows more time for dispersion of the substrate and more time for the substrate to come in contact with the COCs and treat them.

The ZVI treatment injects a slurry of carrier fluid with fine particles of ZVI. The ZVI reacts in groundwater to produce intermediate products such as hydrogen, which react with chlorinated VOCs to degrade them. This reaction occurs quickly and is beneficial for high or low concentrations of dissolved COCs. Although ZVI does not migrate, it is persistent and can treat

the chlorinated VOCs in groundwater as groundwater moves through the treated zone. The results from ongoing groundwater sampling indicate ZVI was effective in treating groundwater for at least 2 years following the injection.

9.2.3.2 *Treatment for Metals*

In situ treatment for metals (chromium VI, copper, lead, and mercury), if necessary, would use an organo-sulfur compound that causes anaerobic bioactivity to immobilize metal contaminants. Using the injected material, the microbes produce a metal-organo-sulfur complex that strongly sorbs to the aquifer matrix. The need to treat chromium VI, copper, mercury, and lead would be based on further analysis of groundwater data against trigger levels that would occur during the RD.

9.2.3.3 *Groundwater Monitoring and Institutional Controls*

The Navy is implementing an adaptable strategy for groundwater monitoring based on the Triad approach to allow flexibility to optimize monitoring. The actual monitoring period will depend on data collected during the RD and remedial action. The RD will contain the details related to groundwater monitoring.

The current locations of the VOC plumes at IR-25 in Parcel C do not extend into Parcel B (see [Figure 7-3](#)), and active groundwater treatment is not proposed at Parcel B for any of the plume area used in the risk assessment that was shown in Parcel B. The VOC plumes at IR-25 will be addressed in the Parcel C FS and ROD. However, monitoring of selected wells at Parcel B would be included as part of the groundwater monitoring component; these wells would be selected in the RD.

The institutional controls for this alternative would be the same as were described in Alternative GW-2.

Alternatives GW-3A and GW-3B rely on active treatment and, to a lesser degree, on institutional controls for preventing exposure to COCs. Treatment using the biological substrate is estimated to cost \$75,000 (capital only) and treatment using ZVI is estimated to cost \$411,000; both treatments would require less than 1 year to implement. The effectiveness of Alternatives GW-3A and GW-3B depends on the effectiveness of the injected chemicals and the degree they are distributed within the contaminated groundwater. The estimated overall cost of Alternative GW-3A is \$2.8 million; the estimated overall cost of Alternative GW-3B is \$3.1 million.

9.3 REMEDIAL ALTERNATIVES FOR RADIOLOGICALLY IMPACTED SOIL AND STRUCTURES

The following remedial alternatives were identified for radiologically impacted soil and structures at Parcel B:

- Alternative R-1 – No Action
- Alternative R-2 – Survey, Decontamination, Disposal, Release, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls
- Alternative R-3 – Survey, Decontamination, Disposal, Release, Close In Place, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls

Each of these alternatives is discussed below.

9.3.1 Alternative R-1 – No Action

Under Alternative R-1, remedial actions would not be taken for radiologically impacted sites. The no-action response is retained as required by the NCP to provide a baseline for comparison with other alternatives. No cost is associated with this alternative.

9.3.2 Alternative R-2 – Survey, Decontamination, Disposal, Release, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls

Alternative R-2 includes (1) surveying structures, former building sites, and radiologically impacted areas; (2) decontaminating (and demolishing if necessary) buildings and former building sites; (3) excavating radiologically impacted storm drain and sanitary sewer lines and other areas, as necessary; (4) screening, separating, and disposing of radioactive anomalies and contaminated excavated soil at an off-site low-level radioactive waste facility, (5) groundwater monitoring, and (6) implementing ICs. Alternative R-2 also includes a surface scan over all of IR-07 and IR-18, and removal of any radiological anomalies exceeding radiological remediation goals for residential soil (see [Table 8-4](#)) to a depth of 1 foot (the maximum effective depth of the surface scan). Although there is a potential, however unlikely, for radiological contamination to exist beyond the depth of 1 foot, the soil cover would be effective in preventing any unacceptable exposure, and additional investigation beyond 1 foot is not proposed. A 1-foot-thick layer of clean soil would be added above the surveyed and radiologically cleared surface over the portion of IR-07 and IR-18 that is radiologically impacted (see [Figure 5-2](#)). A demarcation layer would be installed on the new soil surface of the portion of IR-07 and IR-18 that is radiologically impacted before a new 2-foot-thick soil cover was constructed over all of IR-07 and IR-18. Groundwater at IR-07 and IR-18 would be monitored for radionuclides of concern.

Alternative R-2 also involves Building 140, which housed pump equipment that was used to drain Dry Dock 3. [Figure 9-8](#) shows Building 140 and the associated channels, pumps, and pipes which can be distinguished in five major components:

1. Suction Channel (purple) – This is the 12-foot-wide concrete pipe that extends from 58 to approximately 70 feet bgs, located on the north side of Dry Dock 3. This channel extends approximately 107 feet from the north face of Dry Dock 3 under center of the pump pit area of Building 140.
2. Building 140 (green) – This is the above-grade surface building structure.

3. Pump Pit (blue) – This is the circular pit that extends approximately 52 feet bgs from Building 140 and has spiral staircases extending to three separate intermediate platforms from Building 140 to the bottom. Four feet of concrete separate the suction channel from the pump pit.
4. Discharge Pipes (yellow) – The pumping operation used six pumps housed in Building 140 to lift water from the Dry Dock 3 suction channel through the discharge pipes to the discharge channel north of Building 140.
5. Discharge Channel (orange) – A concrete structure that is 8 feet tall, 16 feet wide, and 146 feet long that receives water from discharge pipes and flows north of Building 140 and discharges into the San Francisco Bay. The channel has a concrete cap that is at surface grade.

Components related to Building 140 would be surveyed to verify that no residual radioactivity is present above remediation goals and those components released, as appropriate, depending on the survey results.

Initial surveys of the components related to Building 140 indicate no radiological impacts to the Building 140 above-grade structure, the pump pit, or the discharge pipes. Surveys of the suction channel and discharge channel are ongoing or planned. Complete information on the surveys will be contained in the final survey status report.

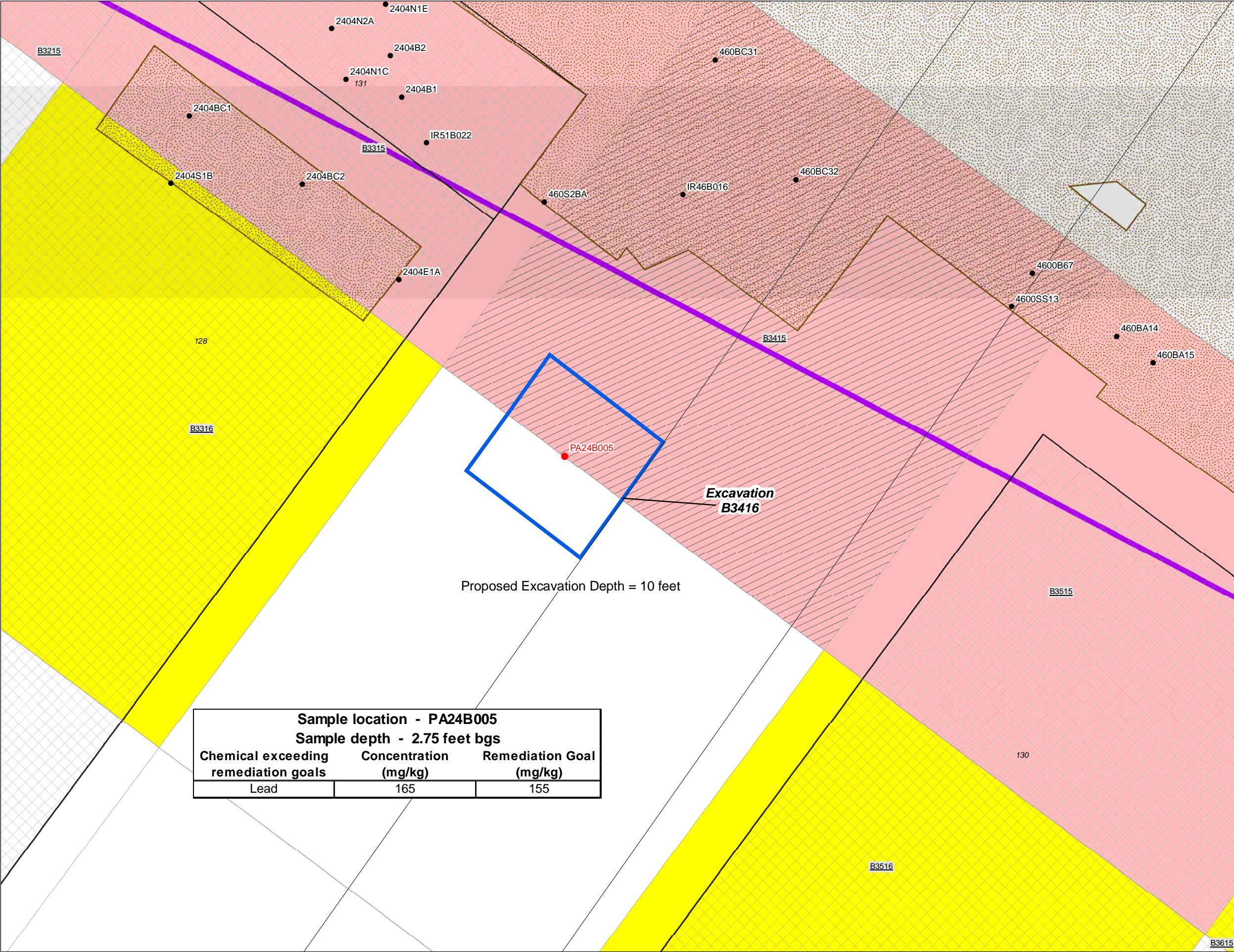
The Navy decided to address the radiologically impacted storm drains, sanitary sewers, and former building sites using a TCRA. Activities for the TCRA at Parcel B began in 2006. The Navy excavated more than 59,400 cubic yards of material and disposed of about 3,800 cubic yards off site as low-level radioactive waste. The Navy demolished Building 157 as part of the TCRA and removed more than 22,900 linear feet of storm drain and sanitary sewer lines. This TCRA has allowed the Navy to get an early start on cleanup at radiologically impacted areas identified since the 1997 ROD. The TCRAs are intended to achieve cleanup goals that are identical to the RAOs identified in this ROD. In the event that the TCRAs do not achieve their cleanup goals, cleanup will continue in accordance with the remedial action selected in this ROD until the RAOs are achieved.

Alternative R-2 relies on surveys, decontamination, and removals to address radioactive COCs in soil and structures. The estimated overall cost of Alternative R-2 is \$28.9 million.

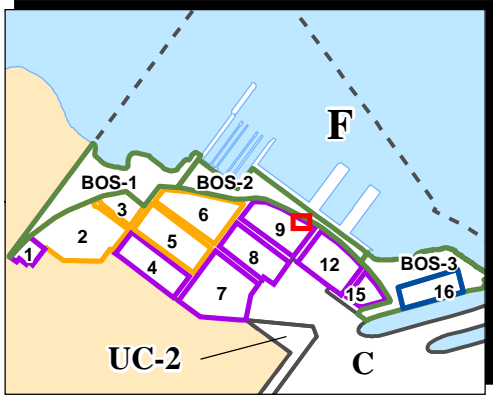
9.3.3 Alternative R-3 – Survey, Decontamination, Disposal, Release, Close in Place, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls

Alternative R-3 is identical to R-2 except that Alternative R-3 adds closure of the pump pit beneath Building 140 using backfilled stone and a concrete cap. The estimated overall cost of Alternative R-3 is \$29.6 million.

FIGURES



Sample location - PA24B005		
Sample depth - 2.75 feet bgs		
Chemical exceeding remediation goals	Concentration (mg/kg)	Remediation Goal (mg/kg)
Lead	165	155



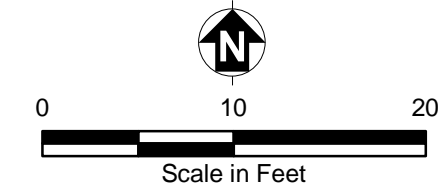
Location Map

- HHRA Risk Driver Sample Location
- HHRA Sample Location
- Road
- Excavation B3416
- Residential Cancer Risk > 1E-06
- Residential Cancer Risk ≤ 1E-06
- ▨ Highest Segregated Hazard Index > 1
- No Data
- Redevelopment Block 9
- Previous Excavation
- Building

Notes:

1. Reuse areas based on "Hunters Point Shipyard Redevelopment Plan" (SFRA 1997). Reuse areas and redevelopment blocks may change in the future.
2. A 50-foot by 50-foot exposure area (residential grid) is used to evaluate risks associated with Mixed Use planned reuse.
3. Risks are based on nonradiological chemicals.

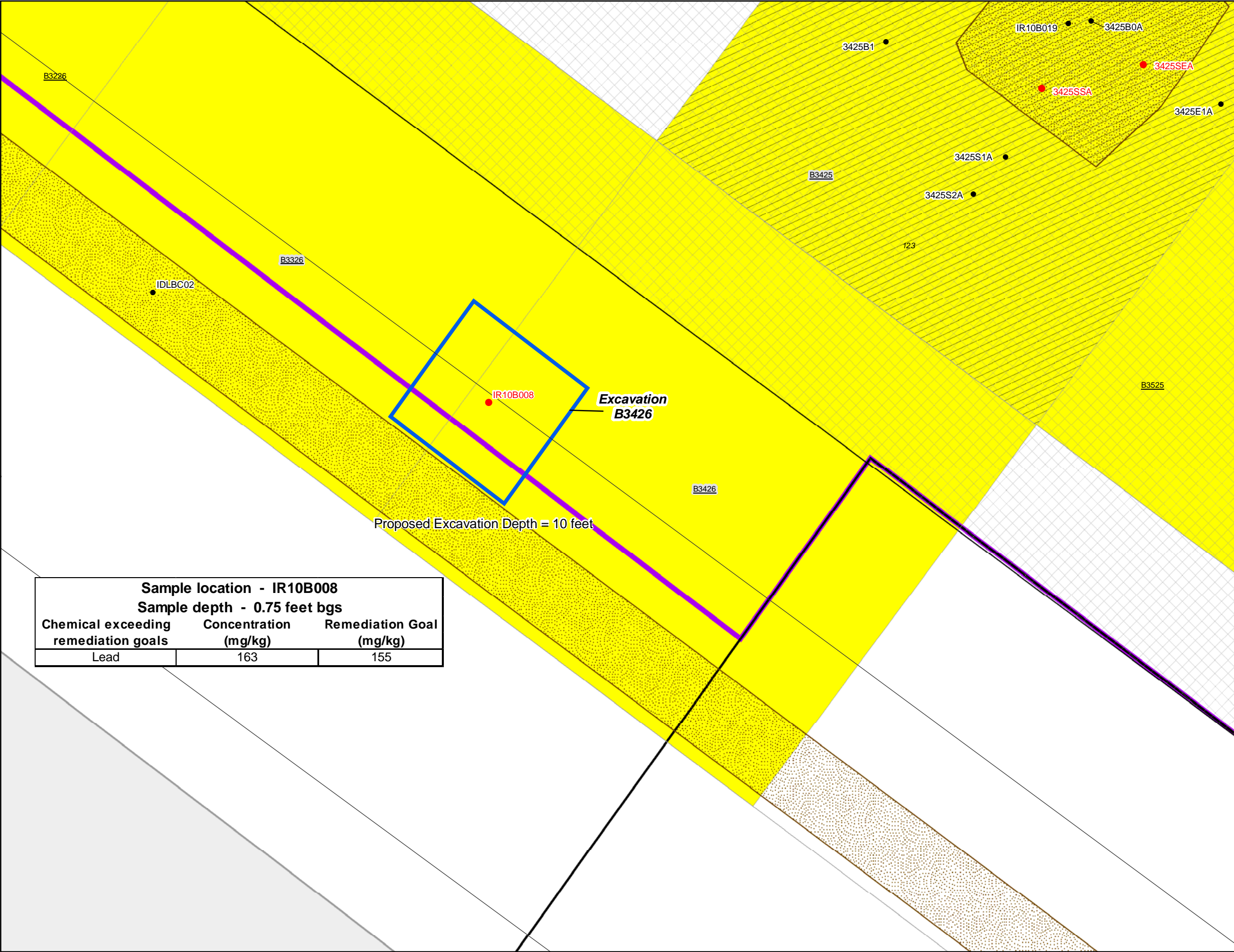
bgs Below ground surface
HHRA Human health risk assessment
mg/kg Milligram per kilogram



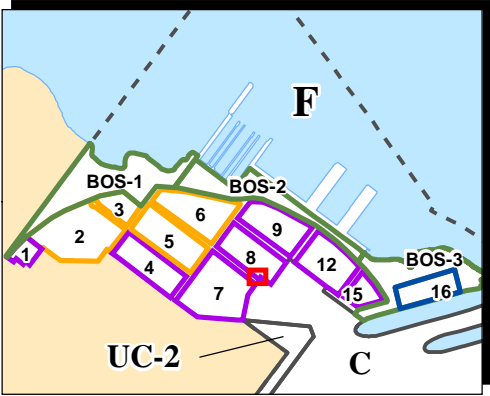
Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 9-1
PROPOSED EXCAVATION
B3416 AREA

Amended ROD for Parcel B



Sample location - IR10B008		
Sample depth - 0.75 feet bgs		
Chemical exceeding remediation goals	Concentration (mg/kg)	Remediation Goal (mg/kg)
Lead	163	155



Location Map

- HHRA Risk Driver Sample Location
- HHRA Sample Location
- Road
- ▭ Excavation B3426
- Residential Cancer Risk $\leq 1E-06$
- ▨ Highest Segregated Hazard Index > 1
- No Data
- ▭ Redevelopment Block 8
- ▨ Previous Excavation
- ▨ Other Redevelopment Block
- ▭ Parcel Boundary
- ▨ Building

Notes:

1. Reuse areas based on "Hunters Point Shipyard Redevelopment Plan" (SFRA 1997). Reuse areas and redevelopment blocks may change in the future.
2. A 50-foot by 50-foot exposure area (residential grid) is used to evaluate risks associated with Mixed Use planned reuse.
3. Risks are based on nonradiological chemicals.

bgs Below ground surface
HHRA Human health risk assessment
mg/kg Milligram per kilogram



Scale in Feet



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

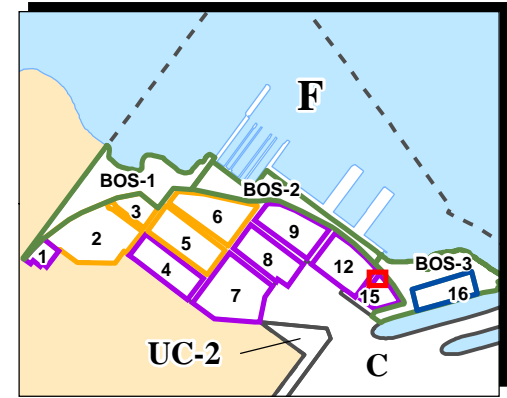
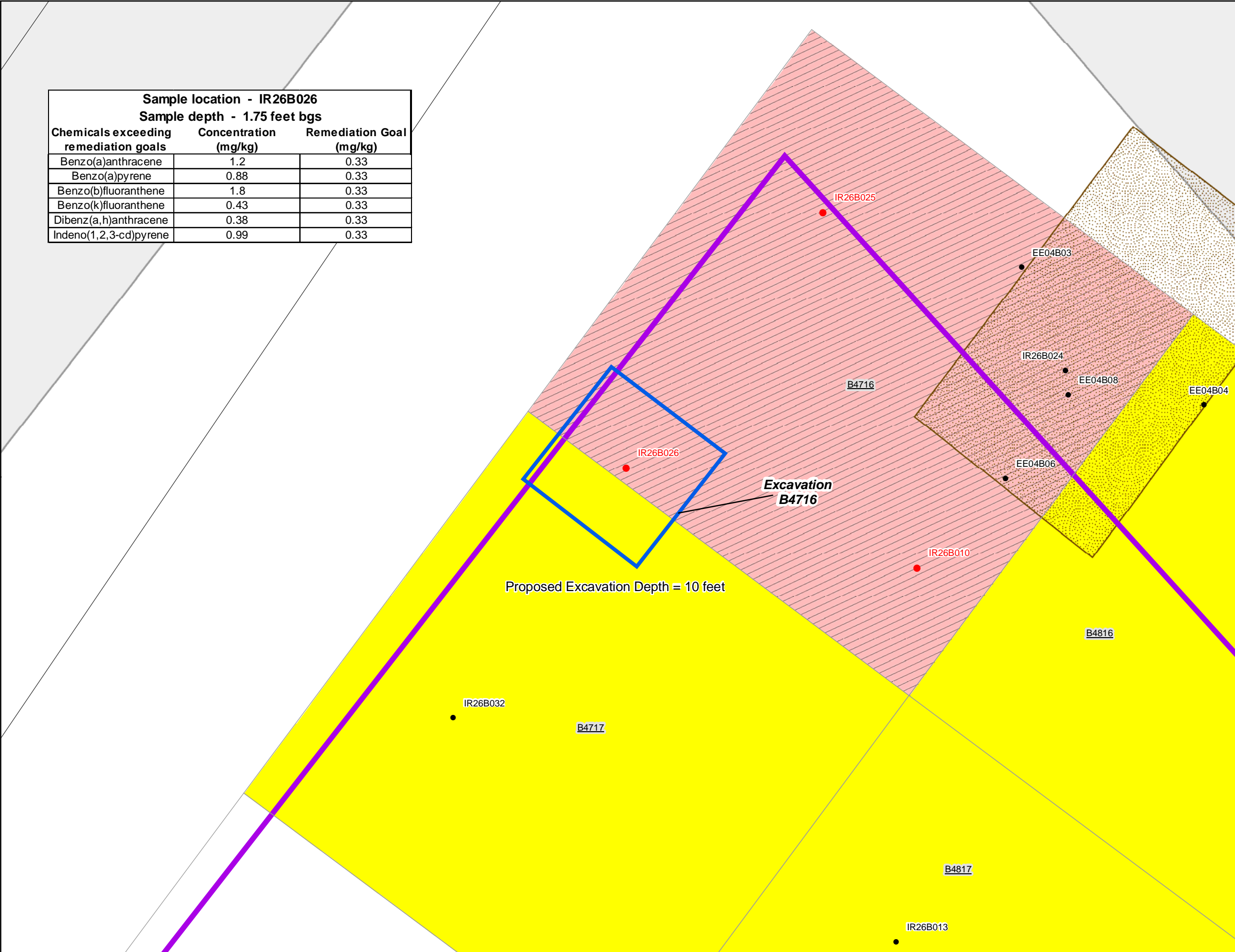
FIGURE 9-2
PROPOSED EXCAVATION
B3426 AREA

Amended ROD for Parcel B

Sample location - IR26B026

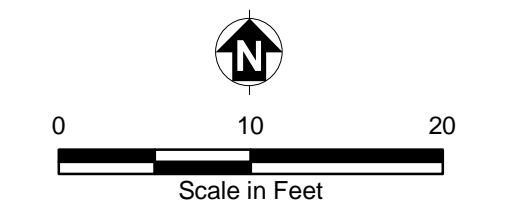
Sample depth - 1.75 feet bgs

Chemicals exceeding remediation goals	Concentration (mg/kg)	Remediation Goal (mg/kg)
Benzo(a)anthracene	1.2	0.33
Benzo(a)pyrene	0.88	0.33
Benzo(b)fluoranthene	1.8	0.33
Benzo(k)fluoranthene	0.43	0.33
Dibenz(a,h)anthracene	0.38	0.33
Indeno(1,2,3-cd)pyrene	0.99	0.33



- Location Map
- HHRA Risk Driver Sample Location
 - HHRA Sample Location
 - Road
 - Excavation B4716
 - Residential Cancer Risk > 1E-06
 - Highest Segregated Hazard Index > 1
 - Residential Cancer Risk ≤ 1E-06
 - Redevelopment Block 15
 - Previous Excavation
 - Building
 - Other Redevelopment Block

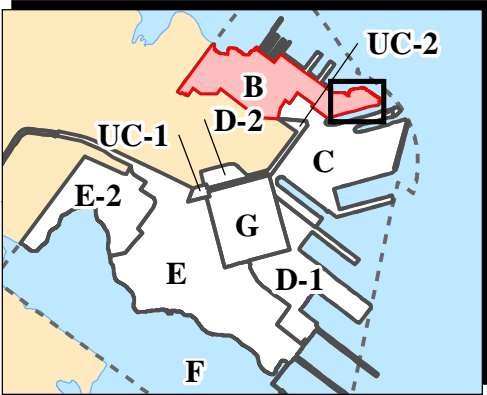
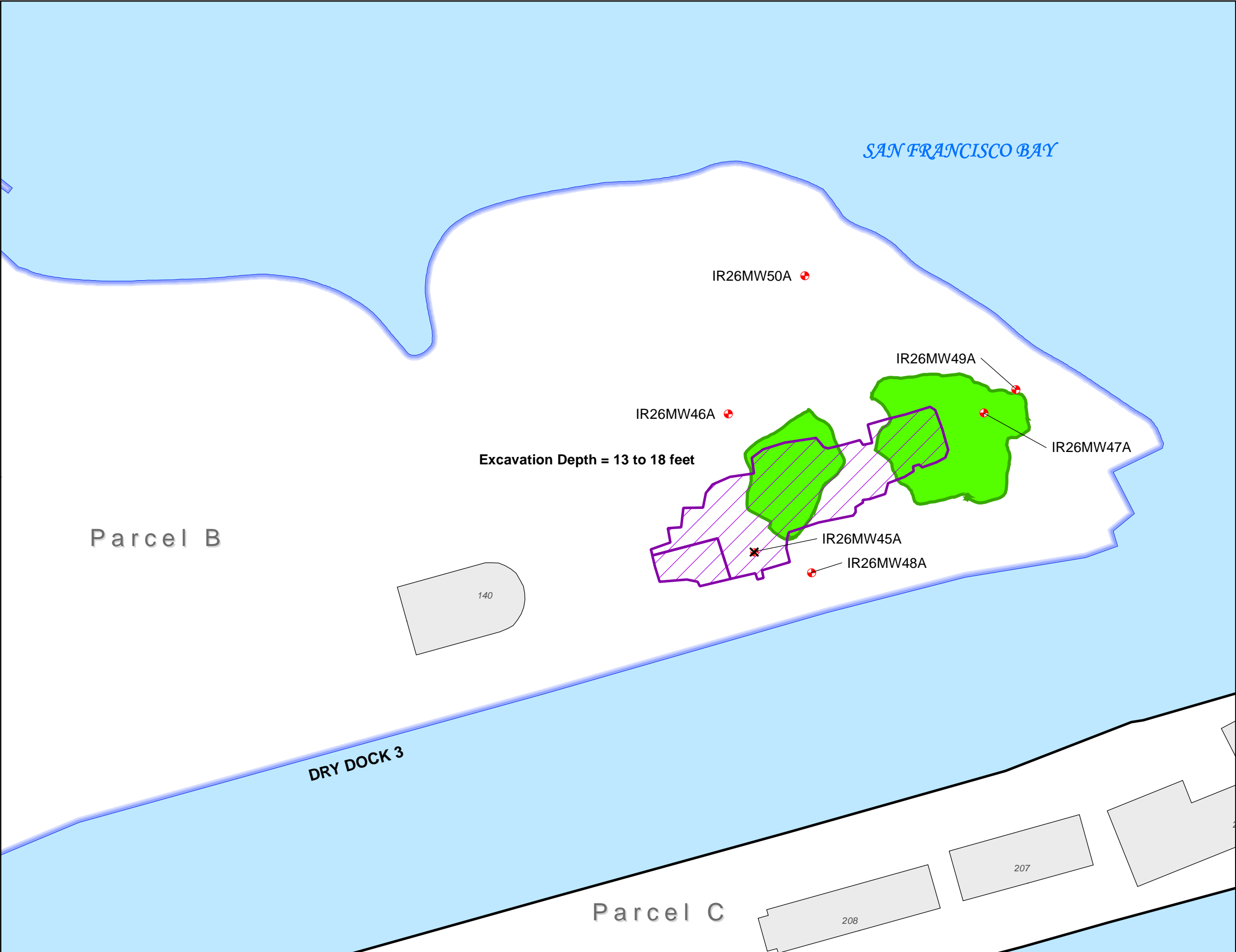
- Notes:
- Reuse areas based on "Hunters Point Shipyard Redevelopment Plan" (SFRA 1997). Reuse areas and redevelopment blocks may change in the future.
 - A 50-foot by 50-foot exposure area (residential grid) is used to evaluate risks associated with Mixed Use planned reuse.
 - Risks are based on nonradiological chemicals.
- bgs Below ground surface
HHRA Human health risk assessment
mg/kg Milligram per kilogram



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 9-3
PROPOSED EXCAVATION
B4716 AREA

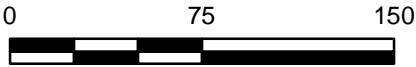
Amended ROD for Parcel B



Location Map

- RAMP Monitoring Well
- Decommissioned RAMP Monitoring Well
- Excavation Area for Mercury TCRA
- Former Excavation EE-05
- Parcel B Boundary
- Other Parcel Boundary
- Building
- San Francisco Bay

RAMP Remedial action monitoring program
TCRA Time-Critical Removal Action



Scale in Feet

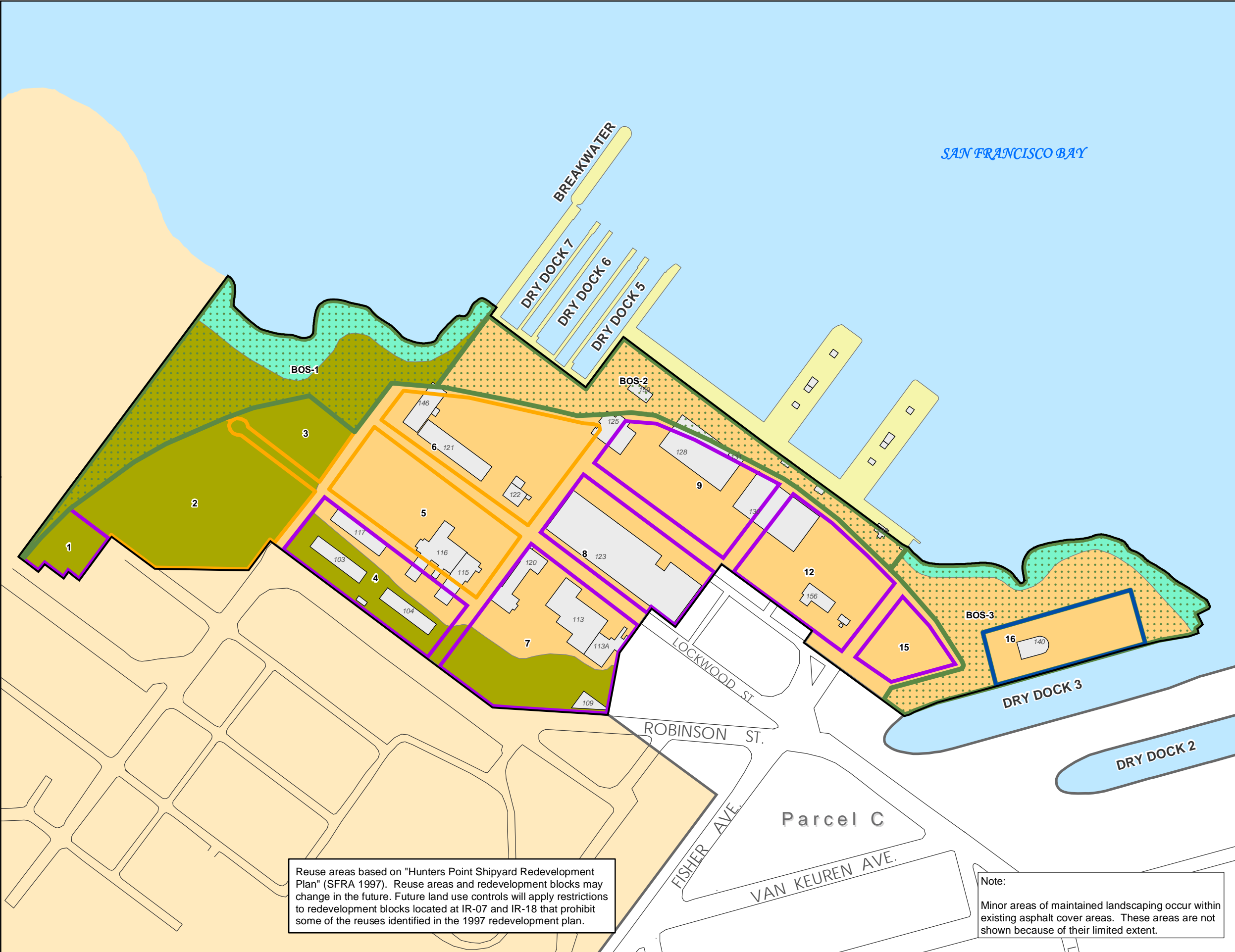


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**FIGURE 9-5
EXCAVATION EE-05 AREA
FOR MERCURY SOURCE REMOVAL**

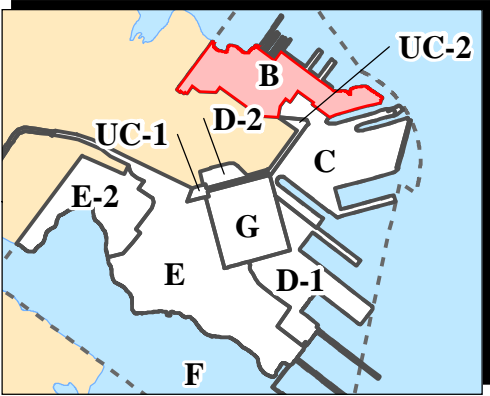
Amended ROD for Parcel B





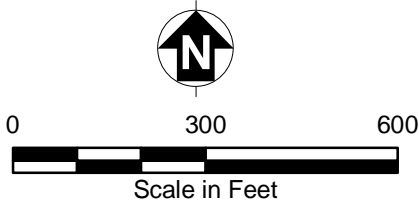
Reuse areas based on "Hunters Point Shipyard Redevelopment Plan" (SFRA 1997). Reuse areas and redevelopment blocks may change in the future. Future land use controls will apply restrictions to redevelopment blocks located at IR-07 and IR-18 that prohibit some of the reuses identified in the 1997 redevelopment plan.

Note:
Minor areas of maintained landscaping occur within existing asphalt cover areas. These areas are not shown because of their limited extent.



Location Map

- Proposed Cover Type**
- Existing Asphalt (Repaired)
 - New Shoreline Revetment
 - New Soil
 - Pier Area (Parcel F)
- Land Use Designation**
- Research and Development
 - Mixed Use
 - Open Space
 - Educational/Cultural
 - Building
 - Parcel B Boundary
 - Other Parcel Boundary
 - Road
 - San Francisco Bay
 - Non-Navy Property

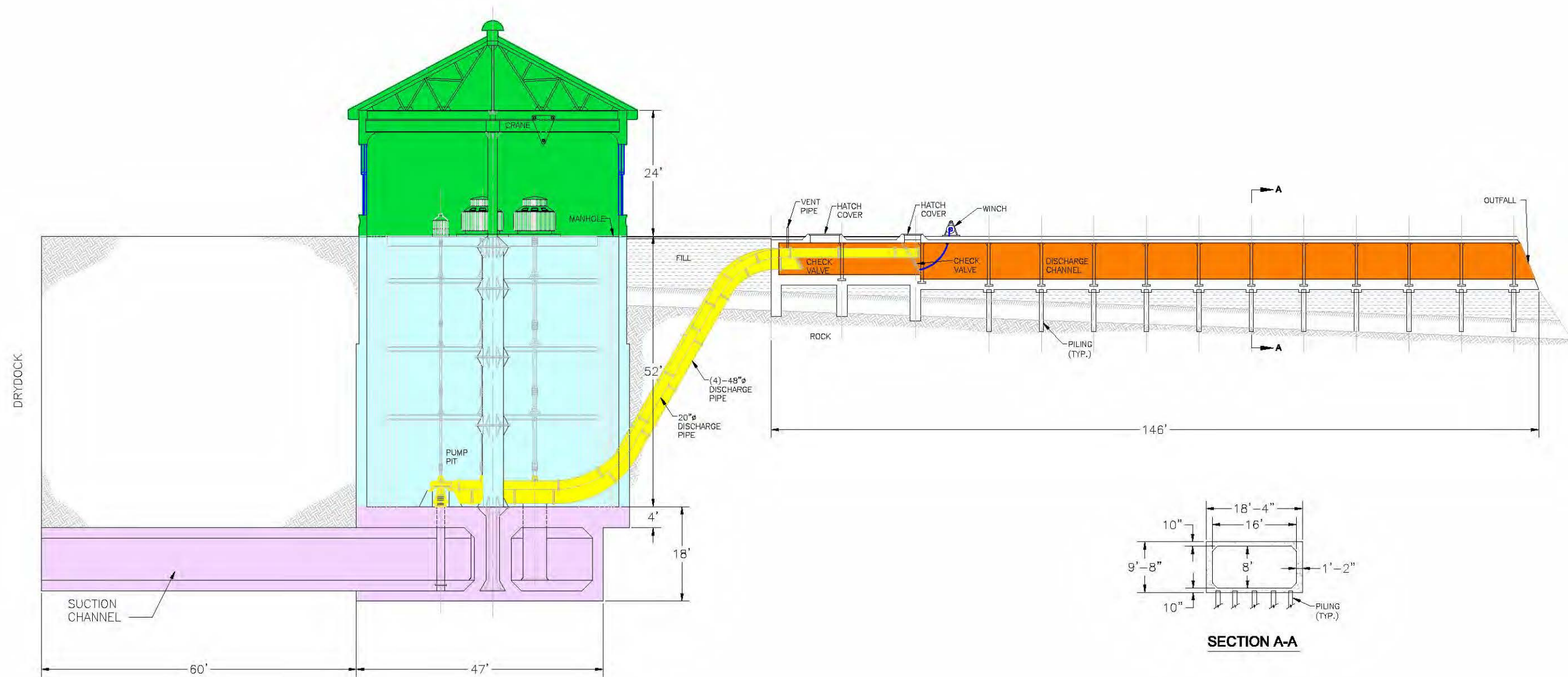


Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

**FIGURE 9-7
PROPOSED COVER TYPES**

Amended ROD for Parcel B





c:\Hunters_Point\Data_Layers\Site_Features\Parcel_B\Bld140 Components.dwg 12/23/2008 deborah.ford DN



BUILDING 140 PUMP HOUSE & DISCHARGE CHANNEL

1/32" = 1'

LEGEND

	Above-grade Structure		Discharge Pipes
	Pump Pit		Discharge Channel
	Suction Channel		



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 9-8
BUILDING 140 COMPONENTS

Amended ROD for Parcel B

Source: Tetra Tech EC, Inc.
Drawing BD140-001
dated September 10, 2008

10.0 COMPARATIVE ANALYSIS OF AMENDED REMEDIAL ALTERNATIVES

This section summarizes the comparative analysis that was conducted to evaluate the relative performance of each amended remedial alternative for soil, groundwater, and structures at Parcel B in relation to the nine criteria outlined in CERCLA § 121 (b), as amended. The purpose of the comparative analysis was to identify the relative advantages and disadvantages of each alternative. The evaluation criteria are based on requirements promulgated in the NCP. As stated in the NCP (40 CFR 300.430[f]), the evaluation criteria were arranged in a hierarchical manner that was used to select a amended remedy for Parcel B based on the following categories:

- Threshold criteria
 - Overall protection of human health and the environment
 - Compliance with ARARs
- Primary balancing criteria
 - Long-term effectiveness and permanence
 - Reduction of toxicity, mobility, or volume through treatment
 - Short-term effectiveness
 - Implementability
 - Cost-effectiveness
- Modifying criteria
 - State acceptance
 - Community acceptance

10.1 COMPARISON OF AMENDED REMEDIAL ALTERNATIVES FOR SOIL

This section summarizes the comparative analysis of the amended remedial alternatives for soil at Parcel B. [Table 10-1](#) summarizes the results of the comparative analysis using the primary balancing criteria, and [Table 10-2](#) summarizes the costs for each alternative.

10.1.1 Overall Protection of Human Health and the Environment

COCs at Parcel B pose unacceptable risks to human health under the proposed planned reuse for several redevelopment blocks. Alternative S-1 does not address these risks; therefore, Alternative S-1 would not be protective of human health and the environment. Alternatives S-2 through S-5 protect human health and the environment under the anticipated future land use of the site.

10.1.2 Compliance with ARARs

There is no need to identify ARARs for the no-action alternative (S-1) because ARARs apply to “any removal or remedial action conducted entirely on-site” and “no action” is not a removal or remedial action. CERCLA § 121 (42 U.S.C. § 9621) cleanup standards for selection of a Superfund remedy, including the requirement to meet ARARs, are not triggered by the no-action alternative ([EPA 1991](#)). Alternatives S-2 through S-5 comply with all pertinent ARARs. (Refer to Section 6.1 of the TMSRA for details.)

10.1.3 Balancing Criteria

The comparative analysis of soil alternatives using the five balancing criteria — long-term effectiveness and permanence; reduction of toxicity, mobility, and volume through treatment; short-term effectiveness, implementability, and cost — is summarized in [Table 10-1](#).

10.1.4 State Acceptance

The State of California concurs with the Navy’s selected amended remedial alternative (Alternative S-5).

10.1.5 Community Acceptance

The amended proposed plan for Parcel B was presented to the community and discussed during a public meeting on July 8, 2008. Comments were also gathered during the public comment period from June 28 through July 28, 2008. [Attachment C](#), the responsiveness summary, of this amended ROD addresses the public’s comments and concerns about the selected remedial alternative for soil at Parcel B.

10.1.6 Conclusion

Alternative S-5, Excavation, Methane and Mercury Source Removal, Disposal, Covers, SVE, ICs, and Shoreline Revetment, was selected as the preferred amended remedial alternative for soil at Parcel B based on the following:

- Protects human health and the environment and fully complies with ARARs
- Provides best long-term effectiveness by permanently removing the greatest volume of contamination (by excavation), and preventing exposure to remaining contamination (by covers)
- Includes the largest amount of treatment to destroy contaminants (using SVE for collection and on- or off-site methods to destroy them)
- Contains the most active remediation components and involves the least reliance on ICs to prevent exposure

10.2 ANALYSIS OF AMENDED REMEDIAL ALTERNATIVES FOR GROUNDWATER

This section summarizes the comparative analysis of amended remedial alternatives for groundwater at Parcel B. [Table 10-2](#) summarizes the costs for each alternative using the primary balancing criteria, and [Table 10-3](#) summarizes the results of the comparative analysis.

10.2.1 Overall Protection of Human Health and the Environment

COCs at Parcel B pose unacceptable risks to human health under the proposed planned reuse for several redevelopment blocks. Alternative GW-1 does not address these risks; therefore, Alternative GW-1 would not be protective of human health and the environment. Alternatives GW-2, GW-3A, and GW-3B protect human health and the environment under the anticipated future land use of the site.

10.2.2 Compliance with ARARs

There is no need to identify ARARs for the no-action alternative (GW-1) because ARARs apply to “any removal or remedial action conducted entirely on-site” and “no action” is not a removal or remedial action. CERCLA § 121 (42 U.S.C. § 9621) cleanup standards for selection of a Superfund remedy, including the requirement to meet ARARs, are not triggered by the no-action alternative ([EPA 1991](#)). Alternatives GW-2, GW-3A, and GW-3B comply with all pertinent ARARs. (Refer to Section 6.2 of the TMSRA for details.)

10.2.3 Balancing Criteria

The comparative analysis of groundwater alternatives using the five balancing criteria — long-term effectiveness and permanence; reduction of toxicity, mobility, and volume through treatment; short-term effectiveness, implementability, and cost — is summarized in [Table 10-3](#).

10.2.4 State Acceptance

The State of California concurs with the Navy’s selected amended remedial alternative (Alternative GW-3A).

10.2.5 Community Acceptance

The amended proposed plan for Parcel B was presented to the community and discussed during a public meeting on July 8, 2008. Comments were also gathered during the public comment period from June 28 through July 28, 2008. [Attachment C](#), the responsiveness summary, of this amended ROD addresses the public’s comments and concerns about the selected remedial alternative for groundwater at Parcel B.

10.2.6 Conclusion

Alternative GW-3A, In Situ Treatment using Biological Substrate, Groundwater Monitoring, and ICs, was selected as the preferred amended remedial alternative for groundwater at Parcel B based on the following:

- Protects human health and the environment and fully complies with ARARs
- Provides long-term protection by reducing concentrations of VOCs and their associated risk
- Reduces the toxicity, mobility, and volume of VOCs by implementing an expedient and aggressive treatment strategy
- Is potentially more effective because the injected biological substrate can flow with groundwater and remediate a larger volume than ZVI that remains in place after injection
- Is slightly less expensive than the other alternative that includes active treatment

10.3 COMPARISON OF REMEDIAL ALTERNATIVES FOR RADIOLOGICALLY IMPACTED SOIL AND STRUCTURES

This section summarizes the comparative analysis of the remedial alternatives for radiologically impacted soil and structures at Parcel B. [Table 10-4](#) summarizes the results of the comparative analysis using the primary balancing criteria, and [Table 10-2](#) summarizes the costs for each alternative.

10.3.1 Overall Protection of Human Health and the Environment

COCs at Parcel B pose unacceptable risks to human health under the proposed planned reuse for several redevelopment blocks. Alternative R-1 does not address these risks; therefore, Alternative R-1 would not be protective of human health and the environment. Alternatives R-2 and R-3 protect human health and the environment under the anticipated future land use of the site.

10.3.2 Compliance with ARARs

There is no need to identify ARARs for the no-action alternative (R-1) because ARARs apply to “any removal or remedial action conducted entirely on-site” and “no action” is not a removal or remedial action. CERCLA § 121 (42 U.S.C. § 9621) cleanup standards for selection of a Superfund remedy, including the requirement to meet ARARs, are not triggered by the no-action alternative ([EPA 1991](#)). Alternatives R-2 and R-3 comply with all pertinent ARARs. (Refer to Section 6.5 of the TMSRA radiological addendum for details.)

10.3.3 Balancing Criteria

The comparative analysis of radiological alternatives using the five balancing criteria — long-term effectiveness and permanence; reduction of toxicity, mobility, and volume through treatment; short-term effectiveness, implementability, and cost — is summarized in [Table 10-4](#).

10.3.4 State Acceptance

The State of California concurs with the Navy's selected remedial alternative (Alternative R-2).

10.3.5 Community Acceptance

The amended proposed plan for Parcel B was presented to the community and discussed during a public meeting on July 8, 2008. Comments were also gathered during the public comment period from June 28 through July 28, 2008. [Attachment C](#), the responsiveness summary, of this amended ROD addresses the public's comments and concerns about the selected remedial alternative for radiologically impacted soil and structures at Parcel B.

10.3.6 Conclusion

Alternative R-2, Survey, Decontamination, Disposal, Release, Cover and Groundwater Monitoring at IR-07 and IR-18, and ICs, was selected as the preferred remedial alternative for radiologically impacted soil and structures at Parcel B based on the following:

- Protects human health and the environment and fully complies with ARARs
- Provides best long-term effectiveness by removing contaminants from radiologically impacted buildings and former building sites, removing the radiologically impacted sanitary and storm sewers, and removing radiological anomalies from the surface of IR-07 and IR-18 followed by application of a cover
- Is slightly less expensive and slightly easier to implement than the other alternative that includes active remediation

TABLES

TABLE 10-1: COMPARATIVE ANALYSIS OF REVISED SOIL REMEDIAL ALTERNATIVES BY BALANCING CRITERIA
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Alternative	Long-Term Effectiveness and Permanence	Reduction in Toxicity, Mobility, or Volume through Treatment	Short-Term Effectiveness	Implementability	Cost
	Parameters considered: <ul style="list-style-type: none">• Residual risk at completion• Long-term management of remaining contaminants• Reliability of ICs• Need to replace components• Continuing repair/maintenance needs	Parameters considered: <ul style="list-style-type: none">• Treatment processes• Amount of hazardous material• Degree of reduction in toxicity, mobility, or volume• Degree of irreversibility• Treatment residuals	Parameters considered: <ul style="list-style-type: none">• Short-term risks to community• Effects on workers• Effects on the environment• Duration of remediation	Parameters considered: <ul style="list-style-type: none">• Technical feasibility• Operational reliability• Future alternative remedial options• Ability to monitor effectiveness• Ability to obtain governmental approvals• Availability of services and materials	+50 to -30 percent accuracy range
Alternative S-1 – No Action	Not evaluated – see Section 10.0 for discussion of comparative analysis	Not Evaluated	Not evaluated	Not evaluated	\$0
Alternative S-2 – Institutional Controls, Maintained Landscaping, and Shoreline Revetment	Good	Poor	Very Good	Very Good	\$5.5 million
	ICs would be the primary component used to prevent exposure. Maintained landscaping would prevent exposure to windblown asbestos. The long-term effectiveness of ICs and engineering controls would depend upon continued enforcement. The long-term effectiveness of maintained landscaping would depend on regular maintenance and inspection.	This alternative does not include treatment that would result in the destruction or transformation of contaminants, or irreversible reduction in mobility of contaminants.	Alternative S-2 involves little construction (beyond the shoreline revetment that is common to Alternatives S-2 through S-5) and so is expected to be effective in the short term because risks to the community and site workers should be minimal.	Conventional technologies would be used to construct components of this alternative. This alternative would be straightforward to implement.	Least expensive alternative.
Alternative S-3 – Excavation, Methane and Mercury Source Removal, Disposal, Maintained Landscaping, Institutional Controls, and Shoreline Revetment	Very Good	Poor	Good	Very Good	\$11.2 million
	Excavation would remove organic compounds (including the methane source), mercury, and lead; long-term effectiveness in the removal areas would be excellent. Like Alternative S-2, ICs for remaining COCs and maintained landscaping for windblown asbestos would still be major components to prevent exposure.	This alternative does not include treatment that would result in the destruction or transformation of contaminants, or irreversible reduction in mobility of contaminants.	Adverse effects to site workers, the surrounding community, and the environment associated with implementation of Alternative S-3 could be created by dust from excavation and transportation of excavated soil through the community. These potential effects would be minimized through proper planning and engineering controls.	Conventional technologies would be used to construct components of this alternative. This alternative would be straightforward to implement.	Least expensive of the alternatives that include excavation (S-3, S-4, and S-5). However, the cost range among Alternatives S-3, S-4, and S-5 is small (only about 15 percent).
Alternative S-4 – Covers, Methane and Mercury Source Removal, Institutional Controls, and Shoreline Revetment	Very Good	Poor	Good	Very Good	\$12.4 million
	Covers across Parcel B, and the ICs to maintain their integrity, are the primary components. Like Alternative S-3, some COCs would be excavated and covers would prevent exposure to remaining COCs. Covers would replace the need for maintained landscaping used in Alternatives S-2 and S-3 and some of the access restrictions required by S-2 and S-3 would not be needed. Long-term effectiveness depends on inspection and maintenance of the covers. ICs would still be relied on to prevent inhalation exposure to VOCs in soil.	This alternative does not include treatment that would result in the destruction or transformation of contaminants, or irreversible reduction in mobility of contaminants.	Like Alternative S-3, adverse effects to site workers, the surrounding community, and the environment associated with implementation could be created by dust from excavation, transportation of excavated soil through the community, and construction of soil covers. These potential effects would be minimized through proper planning and engineering controls.	Conventional technologies would be used to construct components of this alternative. This alternative would be straightforward to implement.	Middle cost of the alternatives that include excavation (S-3, S-4, and S-5). However, the cost range among Alternatives S-3, S-4, and S-5 is small (only about 15 percent).

TABLE 10-1: COMPARATIVE ANALYSIS OF REVISED SOIL REMEDIAL ALTERNATIVES BY BALANCING CRITERIA (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Alternative	Long-Term Effectiveness and Permanence	Reduction in Toxicity, Mobility, or Volume through Treatment	Short-Term Effectiveness	Implementability	Cost
Alternative S-5 – Excavation, Methane and Mercury Source Removal, Disposal, Covers, SVE, Institutional Controls, and Shoreline Revetment	Excellent Alternative S-5 combines the excavation component of S-3 and the covers of S-4 and adds SVE for removal and treatment of VOCs in soil. This alternative provides the largest amount of removal of COCs and is expected to have the best long-term effectiveness. Long-term effectiveness depends on inspection and maintenance of the covers. ICs would be necessary to protect the integrity of the covers. ICs may not be needed, or may be needed over smaller areas, to address inhalation of VOCs, depending on the effectiveness of SVE.	Good Alternative S-5 is the only alternative that has a treatment component. Alternative S-5 includes removal and treatment of VOCs in soil at IR Site 10 using SVE for collection and on- or off-site methods to destroy them. SVE will reduce the volume of VOCs in soil.	Good Like Alternatives S-3 and S-4, adverse effects to site workers, the surrounding community, and the environment associated with implementation could be created by dust from excavation, transportation of excavated soil through the community, and construction of soil covers. These potential effects would be minimized through proper planning and engineering controls.	Very Good Conventional technologies would be used to construct components of this alternative. This alternative would be straightforward to implement.	\$13.6 million Most expensive of the alternatives that include excavation (S-3, S-4, and S-5). However, the cost range among Alternatives S-3, S-4, and S-5 is small (only about 15 percent).

Notes:

COC	Chemical of concern
IC	Institutional control
IR	Installation Restoration
SVE	Soil vapor extraction
VOC	Volatile organic compound

TABLE 10-2: COST COMPARISON OF REVISED REMEDIAL ALTERNATIVES

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Remedial Alternative	Estimated Cost
Soil	
Alternative S-1 – No Action	0
Alternative S-2 – Institutional Controls, Maintained Landscaping, and Shoreline Revetment	\$5.5 million
Alternative S-3 – Excavation, Methane and Mercury Source Removal, Disposal, Maintained Landscaping, Institutional Controls, and Shoreline Revetment	\$11.2 million
Alternative S-4 – Covers, Methane and Mercury Source Removal, Institutional Controls, and Shoreline Revetment	\$12.4 million
Alternative S-5 – Excavation, Methane and Mercury Source Removal, Disposal, Covers, SVE, Institutional Controls, and Shoreline Revetment	\$13.6 million
Groundwater	
Alternative GW-1 – No Action	0
Alternative GW-2 – Long-Term Monitoring and Institutional Controls	\$2.0 million
Alternative GW-3A – In Situ Groundwater Treatment with Biological Substrate Injection, Groundwater Monitoring, and Institutional Controls	\$2.8 million
Alternative GW-3B – In Situ Groundwater Treatment with ZVI Injection, Groundwater Monitoring, and Institutional Controls	\$3.1 million
Radiologically Impacted Soil and Structures	
Alternative R-1 – No Action	0
Alternative R-2 – Survey, Decontamination, Disposal, Release, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls	\$28.9 million
Alternative R-3 – Survey, Decontamination, Disposal, Release, Close in Place, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls	\$29.6 million

Notes:

SVE Soil vapor extraction
ZVI Zero-valent iron

TABLE 10-3: COMPARATIVE ANALYSIS OF REVISED GROUNDWATER REMEDIAL ALTERNATIVES BY BALANCING CRITERIA
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Alternative	Long-Term Effectiveness and Permanence	Reduction in Toxicity, Mobility, or Volume through Treatment	Short-Term Effectiveness	Implementability	Cost
	Parameters considered: <ul style="list-style-type: none">Residual risk at completionLong-term management of remaining contaminantsReliability of ICsNeed to replace componentsContinuing repair/maintenance needs	Parameters considered: <ul style="list-style-type: none">Treatment processesAmount of hazardous materialDegree of reduction in toxicity, mobility, or volumeDegree of irreversibilityTreatment residuals	Parameters considered: <ul style="list-style-type: none">Short-term risks to communityEffects on workersEffects on the environmentDuration of remediation	Parameters considered: <ul style="list-style-type: none">Technical feasibilityOperational reliabilityFuture alternative remedial optionsAbility to monitor effectivenessAbility to obtain governmental approvalsAvailability of services and materials	+50 to -30 percent accuracy range
Alternative GW-1 – No Action	Not evaluated – see Section 10.0 for discussion of comparative analysis	Not Evaluated	Not evaluated	Not evaluated	\$0
Alternative GW-2 – Long-Term Monitoring and Institutional Controls	Good	Poor	Excellent	Excellent	\$2.0 million
	ICs would be the primary component used to prevent exposure. The long-term effectiveness of ICs would depend on continued enforcement.	This alternative does not include treatment that would result in the destruction or transformation of contaminants, or irreversible reduction in mobility of contaminants.	Alternative GW-2 involves little activity beyond groundwater monitoring and so is expected to be effective in the short term because risks to the community and site workers should be minimal.	Conventional technologies would be used for groundwater monitoring. This alternative would be the easiest to implement.	Least expensive alternative.
Alternative GW-3A – In Situ Groundwater Treatment with Biological Substrate Injection, Groundwater Monitoring, and Institutional Controls	Excellent	Excellent	Very Good	Very Good	\$2.8 million
	Treatability studies at Parcel B using other injected chemicals showed in situ treatment is effective. Biological substrate has the potential for increased effectiveness over ZVI because the substrate can flow with groundwater and remediate a larger volume (while ZVI remains in place).	This alternative includes treatment that will destroy VOCs in groundwater and leave nontoxic residuals.	This alternative includes active remediation and, therefore, some risk to site workers. However, in situ treatment involves minimal risk to site workers and the community because the treatment additives are not toxic. Potential effects would be minimized through proper planning and engineering controls. Groundwater monitoring is likely to continue for the same duration as Alternative GW-2, although the number of wells monitored would decrease based on the effectiveness of treatment.	Treatability studies at Parcel B showed in situ treatment is implementable and effective. This alternative would be straightforward to implement.	Least expensive of the alternatives that include treatment. However, the cost difference between Alternatives GW-3A and GW-3B is small (only about 10 percent).
Alternative GW-3B – In Situ Groundwater Treatment with ZVI Injection, Groundwater Monitoring, and Institutional Controls	Very Good	Excellent	Very Good	Very Good	\$3.1 million
	Treatability studies using ZVI injection at Parcel B have shown permanent reductions in VOC concentrations in groundwater.	This alternative includes treatment that will destroy VOCs in groundwater and leave nontoxic residuals.	This alternative includes active remediation and, therefore, some risk to site workers. However, in situ treatment involves minimal risk to site workers and the community because the treatment additives are not toxic. Potential effects would be minimized through proper planning and engineering controls. Groundwater monitoring is likely to continue for the same duration as Alternative GW-2, although the number of wells monitored would decrease based on the effectiveness of treatment.	Treatability studies at Parcel B showed in situ treatment is implementable and effective. This alternative would be straightforward to implement.	Most expensive of the alternatives that include treatment. However, the cost difference between Alternatives GW-3A and GW-3B is small (only about 10 percent).

Notes:
IC Institutional control
VOC Volatile organic compound
ZVI Zero-valent iron

TABLE 10-4: COMPARATIVE ANALYSIS OF RADIOLOGICAL REMEDIAL ALTERNATIVES BY BALANCING CRITERIA
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Alternative	Long-Term Effectiveness and Permanence	Reduction in Toxicity, Mobility, or Volume through Treatment	Short-Term Effectiveness	Implementability	Cost
	Parameters considered: <ul style="list-style-type: none">Residual risk at completionLong-term management of remaining contaminantsReliability of ICsNeed to replace componentsContinuing repair/maintenance needs	Parameters considered: <ul style="list-style-type: none">Treatment processesAmount of hazardous materialDegree of reduction in toxicity, mobility, or volumeDegree of irreversibilityTreatment residuals	Parameters considered: <ul style="list-style-type: none">Short-term risks to communityEffects on workersEffects on the environmentDuration of remediation	Parameters considered: <ul style="list-style-type: none">Technical feasibilityOperational reliabilityFuture alternative remedial optionsAbility to monitor effectivenessAbility to obtain governmental approvalsAvailability of services and materials	
Alternative R-1 – No Action	Not evaluated – see Section 10.0 for discussion of comparative analysis	Not Evaluated	Not evaluated	Not evaluated	\$0
Alternative R-2 – Survey, Decontamination, Disposal, Release, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls	Good	Poor	Very Good	Very Good	\$28.9 million
	Identical to Alternative R-3, except for closure in place of the pump pit beneath Building 140. Alternative R-2 includes only survey and release of Building 140 components without backfilling the pump pit.	This alternative does not include treatment that would result in the destruction or transformation of contaminants, or irreversible reduction in mobility of contaminants.	Alternatives R-2 and R-3 would have nearly identical short-term effectiveness. The duration of remediation for Alternative R-3 would be slightly longer to account for the closure in place of the pump pit beneath Building 140; however, the difference in duration is not considered significant.	Conventional technologies would be used for this alternative. This alternative would be straightforward to implement. Alternative R-2 would be slightly easier to implement because it does not involve the backfill component of Alternative R-3.	Least expensive alternative.
Alternative R-3 – Survey, Decontamination, Disposal, Release, Close in Place, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls	Good	Poor	Very Good	Very Good	\$29.6 million
	Identical to Alternative R-2, except for closure in place of the pump pit beneath Building 140. Both alternatives provide similar long-term effectiveness because the pump pit has been surveyed and shown to be suitable for unrestricted closure.	This alternative does not include treatment that would result in the destruction or transformation of contaminants, or irreversible reduction in mobility of contaminants.	Alternatives R-2 and R-3 would have nearly identical short-term effectiveness. The duration of remediation for Alternative R-3 would be slightly longer to account for the closure in place of the pump pit beneath Building 140; however, the difference in duration is not considered significant.	Conventional technologies would be used for this alternative. This alternative would be straightforward to implement.	Most expensive alternative. However, the cost difference between Alternatives R-2 and R-3 is small (only about 2 percent).

Note:
IC Institutional control

11.0 PRINCIPAL THREAT WASTE

Principal threat wastes are hazardous or highly toxic source materials that result in ongoing contamination to surrounding media, generally cannot be reliably contained, or present a significant risk to human health or the environment should exposure occur. Contaminated groundwater is not generally considered to be source material unless nonaqueous-phase liquids are present ([EPA 1999b](#)). The nonradioactive COCs in soil are not considered source materials. Likewise, no nonaqueous-phase liquids have been identified at Parcel B, and the contaminated groundwater is not considered to be a source material.

Radionuclides in soil and structures are considered the only principal threat wastes at Parcel B. The Navy encountered only low-level radioactive waste at levels slightly above background during the radiological TCRA removals conducted at Parcel B. Radioactive material encountered during the TCRA was removed and disposed of off-site at a low-level radioactive waste disposal facility.

12.0 AMENDED SELECTED REMEDY

Based on the results of the RI report ([PRC and others 1996](#)), FS report ([PRC 1996b](#)), the TMSRA ([ChaduxTt 2007](#)), and other documents provided in the administrative record for Parcel B (see [Attachment A](#)), as well as an evaluation of all comments on the amended Proposed Plan ([Navy 2008a](#)) submitted by interested parties during the public comment period, the Navy has selected Alternative S-5 as the amended remedy for soil, Alternative GW-3A as the amended remedy for groundwater, and Alternative R-2 as the remedy for radiologically impacted soil and structures at Parcel B. The components of the selected alternatives are summarized below.

- **Alternative S-5**
 - Excavate soil in select areas where concentrations of COCs exceed remediation goals. Transport the excavated contaminated soil and materials off site to an appropriate disposal facility. Backfill excavated areas with clean fill material.
 - Install durable soil covers over the entire parcel to prevent contact with any COCs that are not excavated. Covers would be maintained to laterally contain the soil at the shoreline.
 - Install a revetment along the shoreline of Redevelopment Blocks BOS-1 (at IR-07) and BOS-3 (at IR-26).
 - Install an SVE system at IR-10 to remove VOCs from soil.
 - Apply institutional controls for VOCs across most of Parcel B, as described in [Section 12.2.1.5](#). A soil gas survey may be conducted in the future for the following purposes:
 - to evaluate potential vapor intrusion risks,
 - to identify COCs for which risk-based numeric action levels for VOCs in soil gas would be established (based on a cumulative risk of 10^{-6}),
 - to identify where the initial ARICs for VOCs would be retained and where they would be released, and
 - to evaluate the need for additional remedial action in order to remove ARICs.
 - Monitoring for methane that will follow removal of the methane source will be used to identify whether contingencies such as additional engineering controls (for example, methane venting or vapor barriers) or additional ICs will be necessary.

- Implement ICs, including controls to maintain the integrity of the covers (as well as where the covers meet the shoreline). Legal instruments known as restrictive covenants in Quitclaim Deed(s) between the Navy and the property recipient and in “Covenant(s) to Restrict Use of Property” among DTSC, CDPH, and the Navy will be implemented to establish land use restrictions to limit exposure to contaminated soil and groundwater. Activity restrictions will be addressed in an RMP(s) that may be prepared by the City and County of San Francisco and reviewed and approved by the FFA signatories and/or an LUC RD report that will be reviewed and approved by the FFA signatories. The RMP(s) and/or LUC RD will specify soil and groundwater management procedures to allow certain activities that would otherwise be restricted or prohibited to be conducted without further approvals from the federal facility agreement signatories and CDPH, where applicable. [Section 12.2.1.5](#) contains more details on ICs.
- **Alternative GW-3A**
 - Treat groundwater by injecting a biological amendment in the plume near IR-10 (Redevelopment Blocks 8 and 9) to break down VOCs where concentrations exceed remediation goals.
 - Treat groundwater, if necessary, by injecting an organo-sulfur compound to immobilize metal COCs (chromium VI, copper, lead, and mercury). The need to treat these metals will be based on the further analysis of groundwater data against trigger levels that will occur during the RD.
 - Implement a groundwater monitoring program to verify treatment effectiveness during and after treatment. The monitoring program will be flexible to allow modifications as data are collected.
 - Implement ICs (see [Section 12.2.1.5](#)).
- **Alternative R-2**
 - Decontaminate radiologically impacted structures and dismantle them if necessary. Excavate radiologically impacted storm drain and sanitary sewer lines and other areas, as necessary, throughout Parcel B. Survey buildings and former building sites. Screen removed materials and transport contaminated material off site to an appropriate disposal facility.
 - Conduct a surface scan for radioactive materials over all of IR-07 and IR-18. Remove all radiological anomalies exceeding radiological remediation goals for residential soil (see [Table 8-4](#)) to a depth of 1 foot (the maximum effective depth of the surface scan). Add a 1-foot-thick layer of clean soil above the surveyed surface over the portion of IR-07 and IR-18 that is radiologically impacted (see [Figure 5-2](#)). Install a demarcation layer on the new soil surface in the portion of IR-07 and IR-18 that is radiologically impacted. Install a new 2-foot-thick soil cover over all of IR-07 and IR-18. Transport radioactive anomalies and contaminated soil off site to an appropriate low-level radioactive waste facility.

- Monitor groundwater at IR-07 and IR-18 for radionuclides of concern.
- Obtain unrestricted closure based on protocols in the Base-wide Radiological Work Plan - Revision 2 ([TtEC 2008b](#)) (termed “free release”) for all radiologically impacted areas and structures except for the radiologically impacted portion of IR-07 and IR-18 (see [Figure 5-2](#)). ICs for radionuclides would be necessary only for the radiologically impacted portion of IR-07 and IR-18.
- Implement ICs (see [Section 12.2.1.5](#)).

12.1 SUMMARY OF THE RATIONALE FOR THE AMENDED SELECTED REMEDY

The following sections present the rationale for the amended selected remedy for soil, groundwater, and radiologically impacted soil and structures.

12.1.1 Soil

The amended selected remedy for soil at Parcel B includes a variety of components that will together meet the RAOs and satisfy ARARs. The selected remedy provides the best balance of tradeoffs with respect to the nine evaluation criteria.

Soil will be excavated in selected areas where COCs exceed remediation goals. These areas include the methane and mercury sources areas as well as other, smaller areas where metals (lead) or organic chemicals exceed remediation goals. Excavation of contaminated soil from these areas will eliminate the exposure pathway to the COCs, remove the source of methane gas at IR-07, and remove the source of mercury to the groundwater at IR-26 (Redevelopment Blocks 16 and BOS-3). The amended selected remedy for soil will provide the best long-term effectiveness by removing the greatest volume of contamination.

However, excavation to remove all COCs in soil was shown to be ineffective during the initial remedial action. Potential unacceptable risk from exposure to soil across the rest of Parcel B will remain even after these excavations are completed based on the widespread presence of ubiquitous metals. Therefore, durable covers will be installed over the entire parcel to prevent contact with any COCs that are not excavated. Similarly, a shoreline revetment will be constructed along the shoreline of Redevelopment Blocks BOS-1 (at IR-07) and BOS-3 (at IR-26) to prevent contact between ecological receptors and COCs in shoreline sediment. The inland soil covers will be designed and maintained to laterally contain the soil where the covers meet the seawalls or the shoreline revetment.

The amended selected remedy also includes an SVE component to address VOCs in soil at IR-10. SVE for the soil, in combination with treatment of the VOCs in the underlying groundwater, will reduce the concentrations of VOCs that may cause risk from vapor intrusion.

A soil gas survey may be conducted in the future for the following purposes:

- to evaluate potential vapor intrusion risks,
- to identify COCs for which risk-based numeric action levels for VOCs in soil gas would be established (based on a cumulative risk of 10^{-6}),
- to identify where the initial ARICs for VOCs would be retained and where they would be released, and
- to evaluate the need for additional remedial action in order to remove ARICs.

Monitoring for methane that will follow removal of the methane source would be used to identify whether contingencies such as additional engineering controls (for example, methane venting or vapor barriers) or additional ICs would be necessary. The selected remedy is the only alternative that provides treatment for VOCs; all other alternatives for soil addressed this potential exposure through ICs.

The amended selected remedy contains the most active remediation components of all the alternatives and has the least reliance on ICs to prevent exposure. The amended selected remedy offers (1) the best long-term effectiveness and reduction of contaminant toxicity, mobility, or volume through treatment (2) equal (or nearly so) short-term effectiveness and implementability, and (3) only slightly greater cost than Alternatives S-3 and S-4.

12.1.2 Groundwater

The amended selected remedy for groundwater at Parcel B includes a variety of components that will together meet the RAOs and satisfy ARARs. The amended selected remedy provides the best balance of tradeoffs with respect to the nine evaluation criteria.

Groundwater poses a potential unacceptable risk to human health, especially through the vapor intrusion pathway. Therefore, groundwater will be treated by injecting a biological amendment to break down VOCs where concentrations exceed remediation goals. This active, in situ treatment will reduce the toxicity, mobility, and volume of VOCs. The selected remedy (using a biological amendment) is potentially more effective than the other in situ treatment alternative (using ZVI) because the injected biological substrate can flow with the groundwater and remediate a larger volume. The selected remedy has equivalent short-term effectiveness and implementability and a slightly lower cost than the other alternative that involves active treatment.

Groundwater also poses a potential unacceptable risk to saltwater aquatic organisms based the potential discharge of groundwater into San Francisco Bay. Groundwater will be treated, if necessary, by injecting an organo-sulfur compound to immobilize metal COCs. The need to treat metal COCs in groundwater will be based on further analysis of groundwater data against trigger levels that will occur during the RD.

The amended selected remedy includes implementing a flexible groundwater monitoring program to verify effectiveness during and after treatment.

12.1.3 Radiologically Impacted Soil and Structures

The selected remedy for radiologically impacted soil and structures at Parcel B includes components that will together meet the RAOs and satisfy ARARs. The selected remedy provides the best balance of tradeoffs with respect to the nine evaluation criteria.

Radioactive COCs pose a potential unacceptable risk to human health. Alternatives R-2 and R-3 both contain the following components to address this risk: (1) surveying structures, former building sites, and radiologically impacted areas; (2) decontaminating (and demolishing if necessary) buildings; (3) excavating storm drain and sanitary sewer lines and other areas, as necessary; (4) screening, separating, and disposing of radioactive anomalies and contaminated excavated soil at an off-site low-level radioactive waste facility, (5) groundwater monitoring, and (6) implementing ICs. The large, radiologically impacted area that includes a portion of IR-07 and IR-18 will be addressed based on its unique features. Both alternatives for this area include conducting a surface scan at IR-07 and IR-18, and removing any radiological anomalies exceeding radiological remediation goals for residential soil (see [Table 8-4](#)) to a depth of 1 foot (the maximum effective depth of the surface scan). A 1-foot-thick layer of clean soil would be added above the screened and radiologically cleared surface in the portion of IR-07 and IR-18 that is radiologically impacted. A demarcation layer would be installed on the new soil surface in the portion of IR-07 and IR-18 that is radiologically impacted. A new 2-foot-thick soil cover would be constructed over all of IR-07 and IR-18.

Building 140 and its associated channels, pumps, and pipes would also be surveyed and released. The selected remedy (Alternative R-2) is equivalent to the other active treatment alternative on all other balancing criteria, except it is slightly (about 2 percent) less expensive.

12.2 DESCRIPTION OF THE AMENDED SELECTED REMEDY

The following sections provide a description of the amended selected remedy.

12.2.1 Soil

The amended selected remedy for soil at Parcel B is Alternative S-5. Alternative S-5 consists of a combination of soil excavation (including methane and mercury source removal) and off-site disposal, covers, SVE for VOCs, shoreline revetment, and institutional controls.

12.2.1.1 Excavation

The amended selected remedy includes excavation of contaminated soil, excavation of soil and debris in the methane and mercury source areas, and off-site disposal of known and potentially contaminated soil and debris.

Soil would be excavated in specific areas within selected areas at Parcel B, as described below:

- Soil contaminated with organic chemicals and lead at concentrations that exceed remediation goals based on the planned reuse will be excavated. Excavation will occur to a maximum depth of 10 feet bgs at risk grid B3416 (for lead in Redevelopment Block 9; see [Figure 9-1](#)), B3426 (for lead in Redevelopment Block 8; see [Figure 9-2](#)) and B4716 (for organic chemicals in Redevelopment Block 15; see [Figure 9-3](#)).
- Soil and debris from the methane source area at Redevelopment Block 3 will be excavated (see [Figure 9-4](#)). Post-excavation monitoring of soil gas concentrations will be conducted to confirm methane levels meet the RAO. If methane source removal is not feasible based on site conditions (for example, if methane is produced from organic material in the native sediments instead of from identifiable construction debris), methane venting may be added as a contingency to mitigate potential risk from methane.
 - The Navy decided to address the newly identified methane source using a TCRA. The Navy removed more than 12,000 cubic yards of soil and debris to a maximum depth of 27 feet during August and September 2008 to remove the methane source.
 - Although this TCRA may not be completed by the time the amended ROD is signed, the Navy anticipates that the TCRA will meet the RAOs described in this amended ROD. In the event that the TCRA does not achieve the RAOs, cleanup will continue in accordance with the remedial action selected in this ROD until the RAOs are achieved.
- Soil from the mercury source area at former Excavation EE-05 will be excavated (see [Figure 9-5](#)). The horizontal and vertical extent of the mercury concentrations that exceed the remediation goal will be delineated to identify the mercury source material.
 - The Navy decided to address the newly identified mercury source using a TCRA. The Navy removed more than 6,000 cubic yards of soil to a maximum depth of 18 feet during August and September 2008 to remove the mercury source.
 - Although this TCRA may not be completed by the time the amended ROD is signed, the Navy anticipates that the TCRA will meet the RAOs described in this amended ROD. In the event that the TCRA does not achieve the RAOs, cleanup will continue in accordance with the remedial action selected in this ROD until the RAOs are achieved.
- The need for excavation and removal of soil or sediment for construction of the shoreline revetment will be evaluated during the RD. Excavation of soil or sediment may be necessary to establish appropriate grades and to allow placement of erosion control materials at appropriate elevations relative to sea level.

- The open excavations will be backfilled with clean soil. The excavated soil that contains COCs will be removed from the site and transported to an appropriate disposal facility.
- All other areas that present potential unacceptable incremental risk from potential exposure to COCs in soil (see [Figure 9-6](#)) will be left in place and addressed through covers and institutional controls.

12.2.1.2 Covers

The amended selected remedy includes the installation of durable soil covers to prevent contact with any COCs that are not excavated. Covers will be required at all redevelopment blocks to prevent human exposure to ubiquitous metals in soil that may pose an unacceptable risk.

Existing covers, such as buildings and asphalt parking lots, are considered adequate for this alternative. New covers are considered for construction only in areas where there are no existing covers or existing covers have been destroyed in the process of redevelopment. The need for upgrades or repairs to the existing covers will be assessed in the RD and implemented for this alternative as necessary.

Covers will be built in two ways:

- **Use of Existing Covers:** Existing asphalt and concrete surfaces and buildings will be considered existing covers and may include existing building footprints, roads, and parking lots. These existing covers may require rehabilitation, such as sealing or repairing cracks. Likewise, existing concrete surfaces such as building slabs would be repaired if a building was demolished.
- **New Covers:** Where covers are needed, areas would be covered with a durable material that will not break, erode, or deteriorate such that the underlying soil becomes exposed. Standard construction practices for roads, sidewalks, and buildings would likely be adequate to meet this performance standard. Other examples of covers could include a minimum 4 inches of asphalt or a minimum 2 feet of clean imported soil. All covers must achieve a full cover over the entire redevelopment block. The exact nature and specifications for covers can vary from block to block, but all covers must meet the performance standard of preventing exposure to soil and durability. Backfill for soil covers would be tested and confirmed to not contain contaminants at concentrations exceeding remediation goals and to contain less than 0.25 percent asbestos. The soil cover may overlay existing grades. Appropriate covers for the open space reuse blocks would depend on the details of redevelopment.

It is estimated from aerial photographs of Parcel B that approximately 16 acres will be covered with soil, 3 acres will be covered by the shoreline revetment, and 40 acres of existing asphalt and concrete surfaces (including buildings) will be used and repaired, as necessary (see [Figure 9-7](#)). The actual extent of cover types will be identified in the RD.

12.2.1.3 SVE

The amended selected remedy includes the expansion and continued operation of the pilot-scale SVE system that was operated at IR-10 (Building 123). SVE will be implemented as a source reduction measure, and the other actions associated with the remedy will provide overall protectiveness to meet the RAOs. Institutional controls to address vapor intrusion will be a component of the remedy, but specific ARICs for VOCs will be selected after remediation is complete. The results of a site-specific soil gas survey may be the basis for the ARICs for VOCs or to identify the need for additional excavation or other remedial measures. The soil gas survey would address both soil and groundwater areas where vapor intrusion is a concern. The ARICs for VOCs may be modified by the FFA signatories as the soil contamination areas and groundwater plumes that are producing unacceptable vapor inhalation risks are reduced over time. They also may be modified in response to further soil, vapor, and groundwater sampling and analysis for VOCs that establishes that areas originally included in the ARICs for VOCs do not pose unacceptable potential exposure risk to VOC vapors.

12.2.1.4 Shoreline Revetment

The amended selected remedy includes a shoreline revetment to eliminate exposure to contaminated shoreline sediment and to prevent migration of contaminated soil from inland locations to the bay. The shoreline revetment will be constructed to protect the entire shoreline for Redevelopment Blocks BOS-1 (at IR-07) and BOS-3 (at IR-26), where the revetment was deemed necessary based on the results of the SLERA. The 1,300-ft² wetland at Redevelopment Block BOS-1 will be filled, and the Navy will mitigate the loss of the wetland using either compensatory mitigation, mitigation banking, or an in-lieu fee arrangement. The revetments will cover the shoreline and consist of layers of riprap overlying geofabric filters designed to prevent erosion and migration of fine material. The revetments will extend from below the low tide line to above the high tide line with an allowance for wave “run-up.” Approximately 2,500 feet of shoreline will need revetment. Details of the shoreline revetment, including the plan for wetland mitigation, will be further refined during the RD. The RD will use current information on shoreline conditions to select the actual engineering design parameters. Institutional controls will be implemented to maintain the integrity of the shoreline revetment at Parcel B.

12.2.1.5 Institutional Controls

The amended selected remedy includes institutional controls to limit exposure by restricting specified land uses and activities on the parcel. This section discusses institutional controls related to all the components of the selected remedy (soil, groundwater, and radiologically impacted soil and structures) to provide a single source location within this amended ROD.

Institutional Controls in General

Institutional controls are legal and administrative mechanisms used to implement land use restrictions that are used to limit the exposure of future landowner(s) or user(s) of the property to hazardous substances present on the property, and to ensure the integrity of the remedial action. Institutional controls are required on a property where the selected remedial clean-up levels result in contamination remaining at the property above levels that allow for unlimited use and

unrestricted exposure. Institutional controls will be maintained until the concentrations of hazardous substances in soil and groundwater are at such levels to allow for unrestricted use and exposure. Implementation of institutional controls includes requirements for monitoring and inspections, and reporting to ensure compliance with land use or activity restrictions.

The Navy has determined that it will rely upon proprietary controls in the form of environmental restrictive covenants as provided in the “Memorandum of Agreement Between the United States Department of the Navy and the California Department of Toxic Substances Control” and attached covenant models ([Navy and DTSC 2000](#)) (hereinafter referred to as the “Navy/DTSC MOA”).

More specifically, land use and activity restrictions will be incorporated into two separate legal institutional control instruments as provided in the Navy/DTSC MOA:

1. Restrictive covenants included in one or more Quitclaim Deeds from the Navy to the property recipient.
2. Restrictive covenants included in one or more “Covenants to Restrict Use of Property” entered into by the Navy and DTSC as provided in the Navy/DTSC MOA and consistent with the substantive provisions of California Code of Regulations (Cal. Code Regs.) tit. 22 § 67391.1.

The “Covenant(s) to Restrict Use of Property” will incorporate the land use restrictions into environmental restrictive covenants that run with the land and that are enforceable by DTSC and any other signatory state entity against future transferees and users. The Quitclaim Deed(s) will include the identical land use and activity restrictions in environmental restrictive covenants that run with the land and that will be enforceable by the Navy against future transferees.

The activity restrictions in the “Covenant(s) to Restrict Use of Property” and Deed(s) shall be addressed in the Parcel B Risk Management Plan (“Parcel B RMP”) that may be prepared by the City and County of San Francisco and approved by the Navy and FFA signatories and/or the Land Use Control remedial design (LUC RD) report that would be reviewed and approved by the FFA signatories. The RMP(s) and/or LUC RD shall be referenced in the applicable Covenant to Restrict Use of Property and Deed. The RMP(s) and/or LUC RD shall specify soil and groundwater management procedures for compliance with the remedy selected in the Parcel B amended ROD. The RMPs and/or LUC RD shall identify the roles of local, state, and federal government in administering the RMPs and/or LUC RD and shall include, but not be limited to, procedures for any necessary sampling and analysis requirements, worker health and safety requirements, and any necessary site-specific construction and/or use approvals that may be required.

The Parcel B RMP, excluding IR Sites 7 and 18, that may be prepared by the City and County of San Francisco and approved by the FFA signatories, may set forth certain requirements and protocols that, if followed, will allow certain activities that are otherwise restricted to be performed without additional approval by the FFA signatories. There may also be an IR Sites 7 and 18 Risk Management Plan (“IR Sites 7 and 18 RMP”) that may be prepared by the City and County of San Francisco and approved by the FFA signatories and the California Department of

Public Health (“CDPH”) that may set forth certain requirements and protocols that, if followed, will allow certain activities that are otherwise restricted to be performed without additional approval by the FFA signatories and CDPH.

In addition to being set forth in the "Covenant(s) to Restrict Use of Property" and Quitclaim Deed(s) as described above, restrictions applied to specified portions of the property will be described in findings of suitability for transfer (FOST) and findings of suitability for early transfer (FOSET).

Access

The Deed(s) and Covenant(s) shall provide that the Navy and FFA signatories where applicable, and for CDPH in radiological ARICs, and their authorized agents, employees, contractors and subcontractors shall have the right to enter upon HPS Parcel B to conduct investigations, tests, or surveys; inspect field activities; or construct, operate, and maintain any response or remedial action as required or necessary under the cleanup program, including but not limited to monitoring wells, pumping wells, treatment facilities, and cap/containment systems.

Implementation

The Navy shall address and describe institutional control implementation and maintenance actions including but not limited to frequency and requirements for periodic inspections during development and post development, monitoring, and reporting in the preliminary and final LUC RD reports to be developed and submitted to the FFA signatories and CDPH in regard to IR Sites 7 and 18, for review and approval pursuant to the FFA (see “Navy Principles and Procedures for Specifying, Monitoring and Enforcement of Land Use Controls and Other Post-ROD Actions” attached to January 16, 2004 Department of Defense memorandum titled “Comprehensive Environmental Response, Compensation and Liability Act [CERCLA] Record of Decision [ROD] and Post-ROD Policy”). The preliminary and final LUC RD reports are primary documents as provided in Section 7.3 of the FFA. It may also be necessary to have some of the above institutional controls implementation and maintenance actions in their essentially final form at the time of the early transfer to ensure protection of human health and the environment. The Navy is responsible for implementing, maintaining, reporting on, and enforcing land use controls.

Although the Navy may later transfer these procedural responsibilities to another party by contract, property transfer agreement, or through other means, the Navy shall retain ultimate responsibility for remedy integrity.

Activity Restrictions that Apply Throughout Parcel B

The following sections describe the institutional control objectives to be achieved through activity restrictions throughout Parcel B in order to ensure that any necessary measures to protect human health and the environment and the integrity of the remedy have been undertaken.

Restricted Activities

The following restricted activities throughout HPS Parcel B must be conducted in accordance with the “Covenant(s) to Restrict Use of Property”, Quitclaim Deed(s), the Operation and Maintenance Plan(s), LUC RD report, the RMPs, and if required, any other work plan or document approved in accordance with these referenced documents:

- a. “Land disturbing activity” which includes but is not limited to: (1) excavation of soil, (2) construction of roads, utilities, facilities, structures, and appurtenances of any kind, (3) demolition or removal of “hardscape” (for example, concrete roadways, parking lots, foundations, and sidewalks), (4) any activity that involves movement of soil to the surface from below the surface of the land, and (5) any other activity that causes or facilitates the movement of known contaminated groundwater.
- b. Alteration, disturbance, or removal of any component of a response or cleanup action (including but not limited to pump-and-treat facilities, revetment walls and shoreline protection, and soil cap/containment systems); groundwater extraction, injection, and monitoring wells and associated piping and equipment; or associated utilities.
- c. Extraction of groundwater and installation of new groundwater wells.
- d. Removal of or damage to security features (for example, locks on monitoring wells, survey monuments, fencing, signs, or monitoring equipment and associated pipelines and appurtenances).

Prohibited Activities

The following activities are prohibited throughout HPS Parcel B:

- a. Growing vegetables or fruits in native soil for human consumption.
- b. Use of groundwater.

Activity Restrictions Relating to VOC Vapors at Specific Locations within Parcel B

Any proposed construction of enclosed structures must be approved in accordance with the “Covenant(s) to Restrict Use of the Property,” Quitclaim Deed(s), LUC RD, and RMPs prior to the conduct of such activity within the area requiring institutional controls (ARIC) for VOC vapors in order to ensure that the risks of potential exposures to VOC vapors are reduced to acceptable levels that are adequately protective of human health. Initially, the ARIC for VOC vapors will include all of Parcel B except Redevelopment Block 4 (see [Figure 12-1](#)). The reduction in potential risk can be achieved through engineering controls or other design alternatives that meet the specifications set forth in the amended ROD, RD reports, LUC RD report, and the RMPs. The ARIC for VOC vapors may be modified by the FFA signatories and CDPH if IR Sites 7 and 18 are involved, as the soil contamination areas and groundwater contaminant plumes that are producing unacceptable vapor inhalation risks are reduced over time or in response to further soil, vapor, and groundwater sampling and analysis for VOCs that establishes that areas now included in the ARIC for VOC vapors do not pose an unacceptable potential exposure risk to VOC vapors.

Additional Land Use Restrictions for IR Sites 7 and 18

In addition to the specific uses prohibited below, a portion of IR Sites 7 and 18 (see [Figure 12-2](#)) shall be restricted to open space and recreational uses, unless written approval for other uses is granted by the FFA signatories and CDPH. In addition, the following land uses are specifically prohibited unless written approval for such uses is granted by the FFA signatories and the CDPH in accordance with the “Covenant(s) to Restrict Use of the Property,” Quitclaim Deed(s), LUC RD report, and IR Sites 7 and 18 RMP, if applicable:

- a. A residence, including any mobile home or factory built housing, constructed or installed for use as residential human habitation,
- b. A hospital for humans,
- c. A school for persons under 21 years of age, or
- d. A day care facility for children.

Additional Land Use Restrictions Related to Radionuclides at IR Sites 7 and 18

The following activity restriction requirements shall apply in the ARIC for potential radionuclides located on a portion of IR Sites 7 and 18 (see [Figure 12-2](#)) in addition to those generally applicable prohibited and restricted activities specified above for all of Parcel B. At the time of transfer, the areas that require this restriction will be surveyed to define the legal metes and bounds for inclusion in the property transfer documents. No variance or exemption from these restrictions shall be allowed unless written approval is provided by the FFA signatories and CDPH in a design and/or work plan, or pre-approved in the IR Sites 7 and 18 Operation and Maintenance Plan, LUC RD report, and/or the IR Sites 7 and 18 RMP, if applicable.

The Operation and Maintenance Plan for IR Sites 7 and 18 or LUC RD report shall address any necessary additional soil and radiological management requirements, for example inspections, monitoring, and reporting requirements for IR Sites 7 and 18.

For land-disturbing activities, as defined above and including installation of water lines, storm drains, or sanitary sewers, at IR Sites 7 and 18 above the demarcation layer, the LUC RD report, the Operation and Maintenance Plan, IR Sites 7 and 18 RMP, or a project-specific work plan, if applicable, will list the procedures for ensuring that the cap is not disturbed or breeched. The specific design of the cap and clean soil cover shall be agreed to in the RD.

Additional Prohibited Activities at IR Sites 7 and 18

The installation of water or sewer lines below the demarcation layer shall be prohibited unless written approval is granted by the FFA signatories and CDPH.

Excavation into IR Sites 7 and 18 soils within the ARIC for radionuclides beneath the demarcation layer is strictly prohibited unless approved in writing by the FFA signatories and CDPH. Any proposed excavation shall be required to be described in a work plan that will include but not be limited to a radiological work plan, the identification of a radiological safety specialist, a soil management plan, soil sampling and analysis requirements, and a plan for off-site disposal of any excavated radionuclides by the transferee in accordance with federal and state law. This work plan must be submitted to and approved in writing by the FFA signatories and CDPH in accordance with procedures (including dispute resolution procedures) and timeframes that will be set forth in the IR Sites 7 and 18 Operation and Maintenance Plan, LUC RD report, or IR Sites 7 and 18 RMP, if applicable. The integrity of the cover/cap must be restored upon completion of excavation as provided in the IR Sites 7 and 18 Operation and Maintenance Plan, LUC RD report, or similar document. A completion report describing the details of the implementation of the work plan, the sampling and analysis, the off-site disposal, and the restoration of the integrity of the cover/cap must be submitted to and approved in writing by the FFA signatories and CDPH in accordance with procedures (including dispute resolution procedures) and timeframes that will be set forth in the IR Sites 7 and 18 Operation and Maintenance Plan, LUC RD report, or IR Sites 7 and 18 RMP, if applicable.

12.2.2 Groundwater

The amended selected remedy for groundwater at Parcel B is Alternative GW-3A. Alternative GW-3A consists of three elements: (1) in situ treatment of groundwater, (2) groundwater monitoring, and (3) ICs.

12.2.2.1 Treatment for VOCs

In situ treatment uses a biodegradation substrate to actively mitigate contaminants where concentrations are highest in the IR-10A groundwater plume at Redevelopment Blocks 8 and 9. This treatment is based on the groundwater plume as presented on [Figure 7-3](#). Plume conditions may continue to change over time as a result of the continued effects of treatability studies. The RD will use current information on plume extent and concentration to select the actual injection parameters. The assumed process involves a single injection of the treatment compound into groundwater to reduce the contaminant concentrations to or near remediation goals.

The biodegradation substrate is assumed to be a glycerol polylactate, which creates reducing conditions in the aquifer by forming lactic acid and hydrogen. This biodegradation substrate treatment is a timed-release compound that will continue to react for up to several years, depending on the dose of the treatment. This timed-release reaction is beneficial in low-permeability aquifers such as the A-aquifer at Parcel B because the slow release allows more time for dispersion of the substrate and more time for the substrate to come in contact with the COCs and immobilize or mineralize them. The RD will use current information on plume extent and concentration to select the actual injection parameters, including the actual biodegradation substrate material.

12.2.2.2 Treatment for Metals

In situ treatment for metals (chromium VI, copper, lead, and mercury), if necessary, will use an organo-sulfur compound that causes anaerobic bioactivity to immobilize metal contaminants. Using the injected material, the microbes produce a metal-organo-sulfur complex that strongly sorbs to the aquifer matrix. The need to treat chromium VI, copper, mercury, and lead will be based on the further analysis of groundwater data against trigger levels that will occur during the RD.

12.2.2.3 Groundwater Monitoring

The Navy is implementing an adaptable strategy for groundwater monitoring based on the Triad approach to allow flexibility to optimize monitoring. The actual monitoring period will depend on data collected during the RD and remedial action. The RD will contain the details related to groundwater monitoring.

The current locations of the VOC plumes at IR-25 in Parcel C do not extend into Parcel B (see [Figure 7-3](#)), and active groundwater treatment is not proposed at Parcel B for any of the plume area used in the risk assessment that was shown in Parcel B. The VOC plumes at IR-25 will be addressed in the Parcel C FS and ROD. However, monitoring of selected wells would be included as part of the groundwater monitoring component; these wells would be selected in the RD.

Groundwater monitoring will also include monitoring for radionuclides of concern at IR-07 and IR-18. Details of this monitoring will be included in the RD.

12.2.2.4 Institutional Controls

Institutional controls are discussed in detail in [Section 12.2.1.5](#).

12.2.3 Radiologically Impacted Soil and Structures

The selected remedy for radiologically impacted soil and structures at Parcel B is Alternative R-2. Alternative R-2 includes (1) surveying structures, former building sites, and radiologically impacted areas; (2) decontaminating (and demolishing if necessary) buildings; (3) excavating storm drain and sanitary sewer lines and other areas, as necessary; (4) screening, separating, and disposing of radioactive anomalies and contaminated excavated soil at an off-site low-level radioactive waste facility, (5) cover and groundwater monitoring at IR-07 and 18, and (6) implementing ICs.

Alternative R-2 also includes a surface scan at IR-07 and IR-18, and removal of any radiological anomalies exceeding radiological remediation goals for residential soil (see [Table 8-4](#)) to a depth of 1 foot (the maximum effective depth of the surface scan). A 1-foot-thick layer of clean soil would be added above the screened and radiologically cleared surface over the portion of IR-07 and IR-18 that is radiologically impacted. A demarcation layer would be installed on the new soil surface over the portion of IR-07 and IR-18 that is radiologically impacted before a new 2-foot-thick soil cover was constructed over all of IR-07 and IR-18. Groundwater at IR-07 and IR-18 would be monitored for radionuclides of concern. ICs would be implemented to minimize inadvertent contact with radiologically impacted media. Institutional controls are discussed in detail in [Section 12.2.1.5](#).

The Navy decided to address the radiologically impacted storm drains, sanitary sewers, and former building sites using a TCRA. The TCRA is intended to achieve cleanup goals that are identical to the RAOs identified in this ROD. In the event that the TCRA does not achieve its cleanup goals, cleanup will continue in accordance with the remedial action selected in this ROD until the RAOs are achieved.

12.3 ESTIMATED COSTS OF THE AMENDED SELECTED REMEDY

The estimated costs for the amended selected remedy include:

- Alternative S-5 — \$13,556,000
- Alternative GW-3A — \$2,765,000
- Alternative R-2 — \$28,892,000

These costs are based on the best available information regarding the anticipated scope of the remedy, including capital, periodic, and operation and maintenance costs, and are based on present value costs. [Table 12-1a](#), [Table 12-2a](#), and [Table 12-3](#) summarize the estimated costs for Alternatives S-5, GW-3A, and R-2. Detailed cost estimates are presented in the TMSRA ([ChaduxTt 2007](#)) for Alternatives S-5 and GW-3A and the TMSRA radiological addendum ([TtEC 2008a](#)) for Alternative R-2.

These engineering cost estimates are expected to be within +50 to -30 percent of the actual project cost for remedial design and remedial action phase of site cleanup. Costs may change as a result of new information and data collected during implementation of the selected remedy. Significant changes may be documented in a memorandum to the administrative record, explanation of significant differences, or as a further amendment to the ROD for Parcel B.

12.4 EXPECTED OUTCOMES OF THE AMENDED SELECTED REMEDY

The amended selected remedy for soil, groundwater, and radiologically impacted soil and structures at Parcel B provides for cleanup to be protective of the current use and planned future reuse of the site and to allow for transfer of the site. However, the amended selected remedy will not provide for unlimited use or unrestricted exposure. The following sections discuss the expected outcomes of each major component of the amended selected remedy.

12.4.1 Soil

Excavation and off-site disposal of contaminated soil will reduce potential risks for future exposure. However, soil covers and the shoreline revetment are central components of the amended selected remedy for soil. Continued maintenance of the covers and the revetment and sustained enforcement of ICs related to their disturbance will be necessary to prevent future exposure. Similarly, although operation of the SVE system may reduce concentrations of VOCs in soil vapor to acceptable levels, ARICs for vapor intrusion will be needed at some locations at Parcel B. Institutional or engineering controls in those areas may be needed to prevent exposure by vapor intrusion.

12.4.2 Groundwater

Treatment will reduce concentrations of COCs in groundwater and reduce the potential risks created by exposure. Although treatment of groundwater is expected to reduce VOC vapors released from groundwater, ARICs for vapor intrusion will be needed at some locations at Parcel B. Furthermore, the Navy intends to permanently prohibit use of groundwater at Parcel B through ICs.

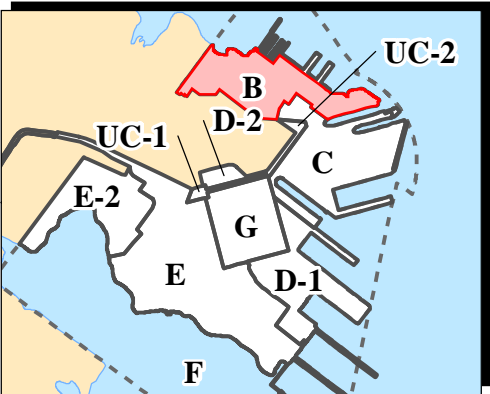
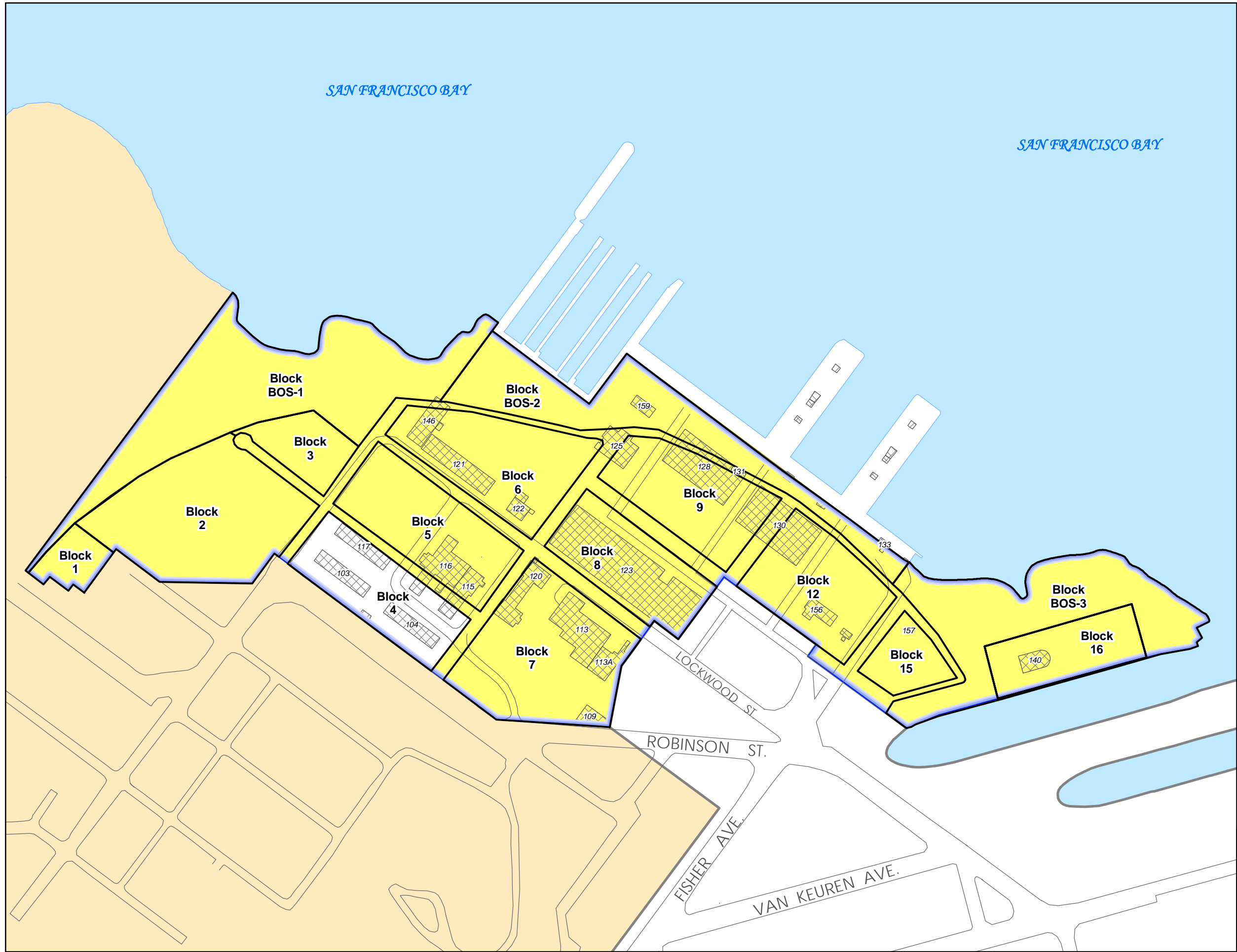
12.4.3 Radiologically Impacted Soil and Structures

The remedy components including surveys, decontamination, excavation, and off-site disposal will reduce the potential risks of exposure to radionuclides. However, the selected remedy for radiologically impacted soil and structures relies on a soil cover/cap at IR-07 and IR-18. Continued maintenance of the covers and the cap and sustained enforcement of institutional controls related to their disturbance will be necessary to prevent future exposure.

The HRA classified several buildings, former building sites, and land areas in Parcel B as “radiologically impacted.” Each of the radiologically impacted sites will be investigated through the CERCLA process. If the final report of the site investigation is approved by the stakeholders and the site is determined to require no further action, the classification of “radiologically impacted” may be removed.

The radiologically impacted classification will not be removed from sites that are addressed in an approved CERCLA containment remedy (such as IR Sites 7 and 18).

FIGURES



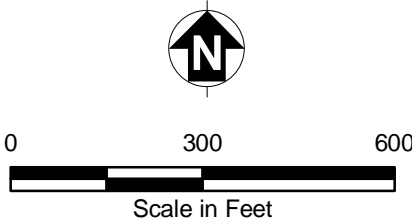
Location Map

- Road
- Restrictions Related to VOC Vapors
- Redevelopment Block
- Parcel B Boundary
- Other Parcel Boundary
- 128 Building
- San Francisco Bay
- Non-Navy Property

Notes:

- Other activity restrictions (including protections for soil covers and prohibiting use of groundwater) apply throughout Parcel B; refer to Section 12.2.1.5 of the text for these restrictions.
- Reuse areas based on "Hunters Point Shipyard Redevelopment Plan" (SFRA 1997). Reuse areas and redevelopment blocks may change in the future.

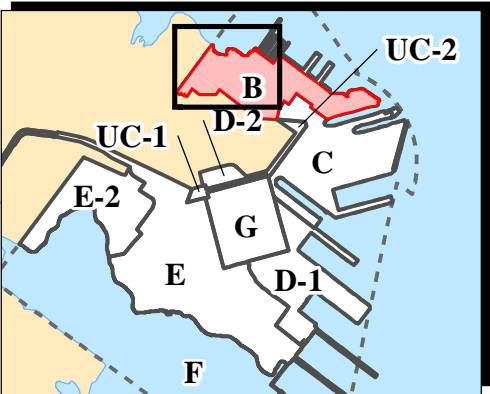
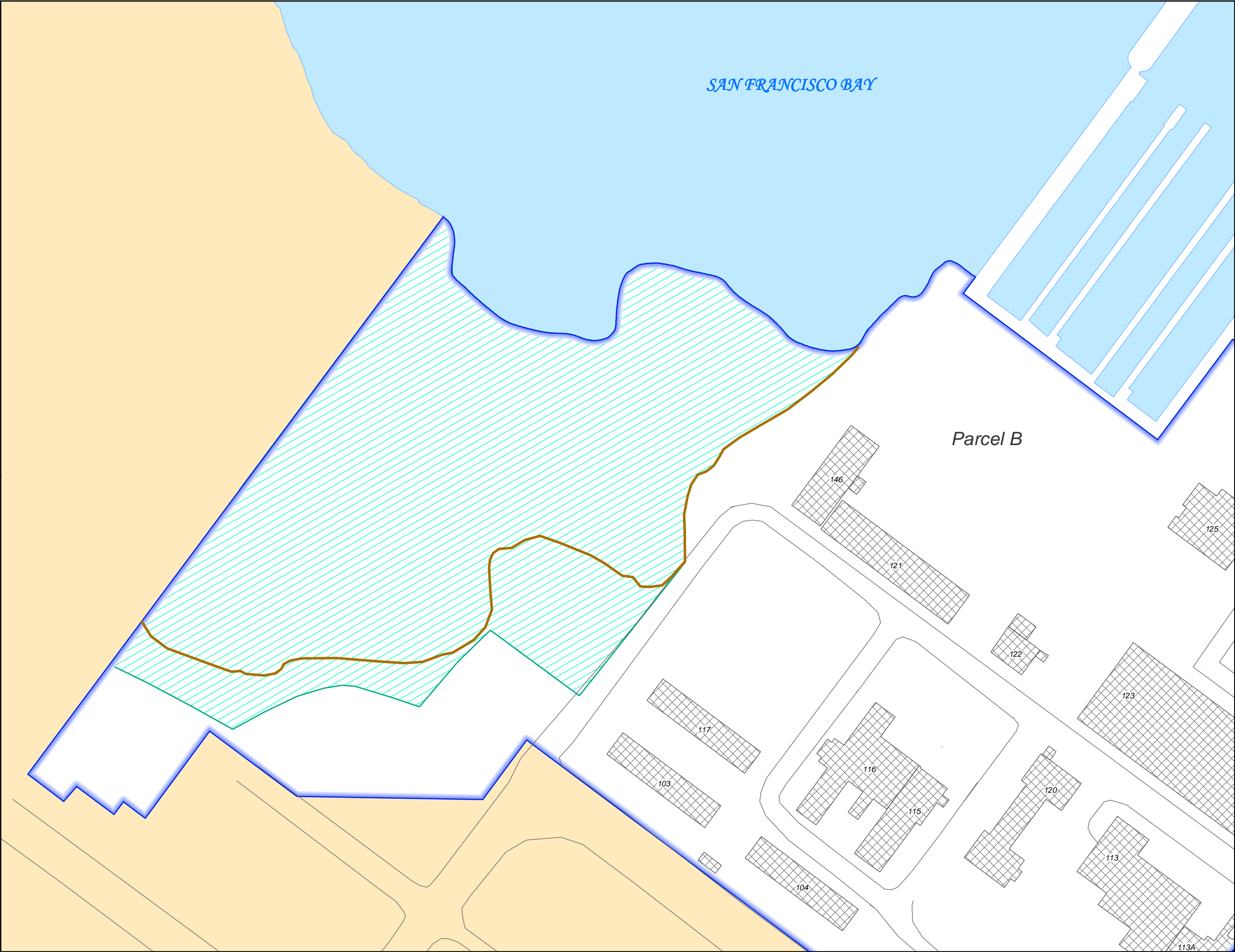
IR Installation Restoration
VOC Volatile organic compound



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 12-1
AREAS REQUIRING INSTITUTIONAL
CONTROLS FOR VOCs

Amended ROD for Parcel B

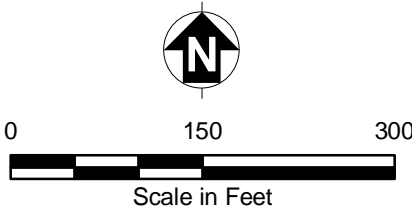


Location Map

- 1946 Shoreline
- Road
- Restrictions Related to Radionuclides
- Parcel B Boundary
- Other Parcel Boundary
- Building
- San Francisco Bay
- Non-Navy Property

Notes:
Other activity restrictions (including protections for soil covers and prohibiting use of groundwater) apply throughout Parcel B; refer to Section 12.2.1.5 of the text for these restrictions.

IR Installation Restoration



Hunters Point Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 12-2
AREA AT IR-07 AND IR-18
REQUIRING INSTITUTIONAL
CONTROLS FOR RADIONUCLIDES
Amended ROD for Parcel B

TABLES

TABLE 12-1a: COST ESTIMATE SUMMARY FOR SOIL ALTERNATIVE S-5

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Description	Capital Cost	Periodic Cost ^a	Total Cost
Capital Costs			
Remedial design	\$1,001,740		\$1,001,740
Excavations B3416, B3426, and B4716	\$122,520		\$122,520
Methane source removal	\$2,655,370		\$2,655,370
Mercury source removal	\$1,274,450		\$1,274,450
Covers	\$819,840		\$819,840
SVE system	\$231,190		\$231,190
Shoreline revetment	\$2,925,120		\$2,925,120
Post remediation soil gas survey	\$450,000		\$450,000
Institutional controls	\$88,620		\$88,620
Site-wide distributive costs	\$775,600		\$775,600
Total capital costs:			\$10,344,450
Periodic Costs			
Cover maintenance ^b		\$379,380	
Annual inspection and covenant enforcement		\$13,400	
5-year review		\$90,980	
10-year shoreline revetment inspection and maintenance ^c		\$56,470	
Present value of 30 years of periodic costs^d (see Table 12-1B):			\$952,530
Subtotal:			\$11,296,980
Contingency (20%)			\$2,259,400
TOTAL COST:			\$13,556,000

Notes:

This estimate has been prepared without equipment specifications, layout, design, or engineering calculations. Expected level of accuracy is +50 to -30 percent. Actual construction costs will vary from this estimate based on market conditions, actual costs of purchased materials, quantity variations, regulatory requirements, final design details, and other project-specific factors existing at the time of construction.

a Cost per event

b Cover maintenance includes asphalt seal coat every 10 years.

c Revetment maintenance includes replacement of 5 percent of riprap every 10 years.

d A duration of 30 years assumed for costing; actual duration could extend beyond this assumed time period

SVE Soil vapor extraction

TABLE 12-1B: PRESENT VALUE COST ESTIMATE, ALTERNATIVE S-5

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Annual Discount Factors at: 2.80 %

Year	Annual Discount Factor	Future Value of O&M and Periodic Cost for Alternative S-5 ¹	Present Value Cost for Alternative S-5	Description of Cost
1	0.973	\$13,400	\$13,035	Annual Drive-by Inspection
2	0.946	\$13,400	\$12,680	Annual Drive-by Inspection
3	0.920	\$13,400	\$12,335	Annual Drive-by Inspection
4	0.895	\$13,400	\$11,999	Annual Drive-by Inspection
5	0.871	\$90,973	\$79,240	5-Year Review
6	0.847	\$13,400	\$11,354	Annual Drive-by Inspection
7	0.824	\$13,400	\$11,045	Annual Drive-by Inspection
8	0.802	\$13,400	\$10,744	Annual Drive-by Inspection
9	0.780	\$13,400	\$10,451	Annual Drive-by Inspection
10	0.759	\$526,827	\$399,703	5-Year Review, 10-Year Shoreline Inspection and Asphalt Maintenance
11	0.738	\$13,400	\$9,890	Annual Drive-by Inspection
12	0.718	\$13,400	\$9,620	Annual Drive-by Inspection
13	0.698	\$13,400	\$9,358	Annual Drive-by Inspection
14	0.679	\$13,400	\$9,103	Annual Drive-by Inspection
15	0.661	\$90,973	\$60,120	5-Year Review
16	0.643	\$13,400	\$8,614	Annual Drive-by Inspection
17	0.625	\$13,400	\$8,380	Annual Drive-by Inspection
18	0.608	\$13,400	\$8,151	Annual Drive-by Inspection
19	0.592	\$13,400	\$7,929	Annual Drive-by Inspection
20	0.576	\$147,445	\$84,873	5-Year Review, 10-Year Shoreline Inspection and Asphalt Maintenance
21	0.560	\$13,400	\$7,503	Annual Drive-by Inspection
22	0.545	\$13,400	\$7,299	Annual Drive-by Inspection
23	0.530	\$13,400	\$7,100	Annual Drive-by Inspection
24	0.515	\$13,400	\$6,907	Annual Drive-by Inspection
25	0.501	\$90,973	\$45,613	5-Year Review
26	0.488	\$13,400	\$6,536	Annual Drive-by Inspection
27	0.474	\$13,400	\$6,358	Annual Drive-by Inspection
28	0.462	\$13,400	\$6,184	Annual Drive-by Inspection
29	0.449	\$13,400	\$6,016	Annual Drive-by Inspection
30	0.437	\$147,445	\$64,393	5-Year Review, 10-Year Shoreline Inspection and Asphalt Maintenance
Total Present Value Cost Over 30 Years			\$952,531	

Notes: Annual discount factor = $1/(1+i)^t$, where $i=0.028$ and $t=\text{year}$ (that is, the present value of \$1 paid in year t at 2.8%).

Discount factor based on Office of Management and Budget Circular A-94, Guidelines and Discount Rates for Benefit-Cost Analyses of Federal Programs, 2008.

¹ Costs are for operation, maintenance, and 5-year reviews for 30 years

O&M Operation and maintenance

TABLE 12-2a: COST ESTIMATE SUMMARY FOR GROUNDWATER ALTERNATIVE GW-3A
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Description	Capital Cost	Periodic Cost ^a	Total Cost
Capital Costs			
Remedial design	\$12,320		\$12,320
Groundwater monitoring well installation	\$1,710		\$1,710
Lactate injection	\$15,620		\$15,620
Waste handling and disposal	\$5,640		\$5,640
Institutional controls	\$135,675		\$135,675
Site-wide staff support	\$38,620		\$38,620
Total Capital Costs:			\$209,580
Periodic Costs			
Groundwater monitoring event ^b		\$43,390	
Bioremediation monitoring event ^c		\$13,890	
Site-wide staff support		\$3,440	
Annual inspection and covenant enforcement		\$13,400	
5-year review		\$77,570	
Closeout (well decommissioning and report)		\$53,560	
Present value of 30 years of periodic costs^d (see Table 12-2B):			\$2,094,520
Subtotal:			\$2,304,100
Contingency (20%)			\$460,820
TOTAL COST:			\$2,765,000

Notes:

This estimate has been prepared without equipment specifications, layout, design, or engineering calculations. Expected level of accuracy is +50 to -30 percent. Actual construction costs will vary from this estimate based on market conditions, actual costs of purchased materials, quantity variations, regulatory requirements, final design details, and other project-specific factors existing at the time of construction.

a Cost per event

b Cost assumptions for nonradioactive COCs: 31 wells sampled quarterly in year 1, semiannually years 2 through 4, annually to year 15; quarterly in year 15, then annually through year 30. For radioactive COCs: 26 wells sampled quarterly in year 1 then annually through year 30.

c Cost assumptions for bioremediation monitoring: five wells sampled quarterly in year 1, semiannually years 2 through 4, annually to year 15; quarterly in year 15.

d A duration of 30 years assumed for costing; actual duration could be shorter or longer than this assumed time period.

COC Chemical of concern

TABLE 12-2B: PRESENT VALUE COST ESTIMATE, ALTERNATIVE GW-3A

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Annual Discount Factors at 2.80%

Year	Annual Discount Factor	Future Value of O&M and Periodic Cost for Alternative GW-3A ¹	Description of Cost	Present Value Cost for Alternative GW-3A
1	0.973	\$215,090	Quarterly Groundwater and Bioremediation Monitoring, and Institutional Controls	\$209,231
2	0.946	\$115,965	Semiannual Groundwater and Bioremediation Monitoring, and Institutional Controls	\$109,734
3	0.920	\$115,965	Semiannual Groundwater and Bioremediation Monitoring, and Institutional Controls	\$106,745
4	0.895	\$115,965	Semiannual Groundwater and Bioremediation Monitoring, and Institutional Controls	\$103,837
5	0.871	\$143,975	Groundwater and Bioremediation Monitoring, 5-Year Review, and Institutional Controls	\$125,407
6	0.847	\$66,402	Annual Groundwater and Bioremediation Monitoring, Inspections, and Project Maintenance	\$56,263
7	0.824	\$66,402	Annual Groundwater and Bioremediation Monitoring, Inspections, and Project Maintenance	\$54,731
8	0.802	\$66,402	Annual Groundwater and Bioremediation Monitoring, Inspections, and Project Maintenance	\$53,240
9	0.780	\$66,402	Annual Groundwater and Bioremediation Monitoring, Inspections, and Project Maintenance	\$51,790
10	0.759	\$143,975	Groundwater and Bioremediation Monitoring, 5-Year Review, and Institutional Controls	\$109,234
11	0.738	\$66,402	Annual Groundwater and Bioremediation Monitoring, Inspections, and Project Maintenance	\$49,007
12	0.718	\$66,402	Annual Groundwater and Bioremediation Monitoring, Inspections, and Project Maintenance	\$47,672
13	0.698	\$66,402	Annual Groundwater and Bioremediation Monitoring, Inspections, and Project Maintenance	\$46,374
14	0.679	\$66,402	Annual Groundwater and Bioremediation Monitoring, Inspections, and Project Maintenance	\$45,111
15	0.661	\$292,663	Quarterly Groundwater and Bioremediation Monitoring, 5-Year Review, and Institutional Controls	\$193,406
16	0.643	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$33,756
17	0.625	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$32,837
18	0.608	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$31,942
19	0.592	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$31,072
20	0.576	\$130,083	5-Year Review and Institutional Controls	\$74,879
21	0.560	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$29,403
22	0.545	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$28,602
23	0.530	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$27,823
24	0.515	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$27,065
25	0.501	\$130,083	5-Year Review and Institutional Controls	\$65,222
26	0.488	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$25,611
27	0.474	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$24,913
28	0.462	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$24,235
29	0.449	\$52,510	Annual Groundwater Monitoring, Inspections, and Project Maintenance	\$23,575
30	0.437	\$183,646	5-Year Review, Institutional Controls, and Closeout	\$80,203
Total Present Value Cost Over 30 Years (nonradiological)				\$1,922,919
Total Present Value Cost Over 30 Years (radiological)				\$171,600
Total Present Value Cost Over 30 Years (all)				\$2,094,519

Notes: Annual discount factor = $1/(1+i)^t$, where $i=0.031$ and $t=\text{year}$ (that is, the present value of \$1 paid in year t at 2.8%).

Discount factor based on Office of Management and Budget Circular A-94, Guidelines and Discount Rates for Benefit-Cost Analyses of Federal Programs, 2008.

¹ Costs are for operation, maintenance, and 5-year reviews for 30 years

O&M Operation and maintenance

TABLE 12-3: COST ESTIMATE SUMMARY FOR RADIOLOGICAL ALTERNATIVE R-2

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Description	Capital Cost	Periodic Cost	Total Cost
Capital Costs			
Sewer and storm drain removal and disposal	\$22,342,320		\$22,342,320
IR-07 and IR-18 soil survey and disposal	\$472,260		\$472,260
Radiological soil screening and waste disposal for building and building sites	\$118,210		\$118,210
Impacted buildings survey and release	\$1,144,000		\$1,144,000
Total capital costs:			\$24,076,790
Periodic Costs			
Periodic costs included in Alternatives S-5 and GW-3A (see Tables 12-1 and 12-2)		\$0	
Present value of 30 years of periodic costs:			\$0
Subtotal:			\$24,076,790
Contingency (20%)			\$4,815,360
TOTAL COST:			\$28,892,000

Notes:

This estimate has been prepared without equipment specifications, layout, design, or engineering calculations. Expected level of accuracy is +50 to -30 percent. Actual construction costs will vary from this estimate based on market conditions, actual costs of purchased materials, quantity variations, regulatory requirements, final design details, and other project-specific factors existing at the time of construction.

IR Installation Restoration

13.0 STATUTORY DETERMINATIONS

Section 121 of CERCLA established five principal requirements for the selection of remedies. Remedies must: (1) protect human health and the environment; (2) comply with ARARs unless a waiver is justified; (3) be cost effective; (4) utilize permanent solutions and alternative treatment technologies or resource recovery technologies to the maximum extent practicable; and (5) satisfy a preference for treatment as a principal element. The following sections discuss how the amended selected remedy meets these statutory requirements and preferences. Complete discussions are found in the TMSRA ([ChaduxTi 2007](#)) and the radiological addendum to the TMSRA ([TiEC 2008a](#)).

13.1 PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT

The amended selected remedy for Parcel B is designed to protect human health and the environment. The amended selected remedy for soil will protect human health by preventing exposure using a combination of components including excavation, covers, treatment, and institutional controls. The soil remedy will protect the environment by preventing exposure using a shoreline revetment and institutional controls.

The amended selected remedy for groundwater will protect human health by monitoring and treating groundwater and implementing institutional controls to prevent exposure; the groundwater remedy will protect the environment by monitoring concentrations of metal COCs and treating the groundwater, if necessary.

The selected remedy for radiologically impacted soil and structures will protect human health using several components including surveys, decontamination, excavation, covers, groundwater monitoring, and institutional controls.

No short-term risks are associated with implementing the amended selected remedy that cannot be readily controlled. In addition, no adverse cross-media effects are expected from the remedy.

13.2 COMPLIANCE WITH APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

CERCLA § 121(d)(1) states that remedial actions on CERCLA sites must attain (or the decision document must justify the waiver of) any federal or more stringent state environmental standards, requirements, criteria, or limitations that are determined to be legally applicable or relevant and appropriate. The remedial alternatives selected by the Navy and described in [Section 12.0](#) would attain and comply with the substantive provisions of all statutes and promulgated regulations identified as ARARs.

Applicable requirements are those cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal or state law that specifically address the situation at a CERCLA site. The requirement is applicable if the jurisdictional prerequisites of the standard show a direct correspondence when objectively compared to the conditions at the site. An applicable federal requirement is an ARAR. An applicable state requirement is an ARAR only if it is more stringent than federal ARARs.

If the requirement is not legally applicable, then the requirement is evaluated to determine whether it is relevant and appropriate. Relevant and appropriate requirements are those cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal or state law that, while not applicable, address problems or situations similar to the circumstances of the proposed response action and are well suited to the conditions of the site ([EPA 1988](#)). A requirement must be determined to be both relevant and appropriate to be considered an ARAR.

The criteria for determining relevance and appropriateness are listed in 40 CFR § 300.400(g)(2) and include the following:

- The purpose of the requirement and the purpose of the CERCLA action.
- The medium regulated or affected by the requirement and the medium contaminated or affected at the CERCLA site.
- The substances regulated by the requirement and the substances found at the CERCLA site.
- The actions or activities regulated by the requirement and the response action contemplated at the CERCLA site.
- Any variances, waivers, or exemptions of the requirement and their availability for the circumstances at the CERCLA site.
- The type of place regulated and the type of place affected by the release or CERCLA action.
- The type and size of structure or facility regulated and the type and size of structure or facility affected by the release or contemplated by the CERCLA action.
- Any consideration of use or potential use of affected resources in the requirement and the use or potential use of the affected resources at the CERCLA site.

According to CERCLA ARARs guidance ([EPA 1988](#)), a requirement may be “applicable” or “relevant and appropriate,” but not both. Identification of ARARs must be done on a site-specific basis and involve a two-part analysis: first, a determination whether a given requirement is applicable; then, if it is not applicable, a determination whether it is nevertheless both relevant and appropriate. It is important to explain that some regulations may be applicable or, if not applicable, may still be relevant and appropriate. When the analysis determines that a requirement is both relevant and appropriate, such a requirement must be complied with to the same degree as if it were applicable ([EPA 1988](#)).

[Tables 13-1 through 13-3](#) present each potential ARAR with a determination of ARAR status (that is, applicable, relevant and appropriate, or not an ARAR). For the determination of relevance and appropriateness, the pertinent criteria were examined to determine whether the requirements addressed problems or situations sufficiently similar to the circumstances of the release or response action contemplated, and whether the requirement was well suited to the

site. A negative determination of relevance and appropriateness indicates that the requirement did not meet the pertinent criteria. Negative determinations are discussed in the text only for specific cases.

As the lead federal agency, the Navy has primary responsibility for identifying federal ARARs at HPS. To qualify as a state ARAR under CERCLA and the NCP, a state requirement must be:

- A state law or regulation
- An environmental or facility siting law or regulation
- Promulgated (of general applicability and legally enforceable)
- Substantive (not procedural or administrative)
- More stringent than federal requirements
- Identified in a timely manner
- Consistently applied

To constitute an ARAR, a requirement must be substantive. Therefore, only the substantive provisions of requirements identified as ARARs in this analysis are considered to be ARARs. Permits are considered to be procedural or administrative requirements. Provisions of generally relevant federal and state statutes and regulations that were determined to be procedural or non-environmental, including permit requirements, are not considered to be ARARs. CERCLA Section 121(e)(1), 42 U.S.C. § 9621(e)(1), states that “No Federal, State, or local permit shall be required for the portion of any removal or remedial action conducted entirely on-site, where such remedial action is selected and carried out in compliance with this section.” The term *on-site* is defined for purposes of this ARARs discussion as “the areal extent of contamination and all suitable areas in very close proximity to the contamination necessary for implementation of the response action” (40 CFR § 300.5).

Nonpromulgated advisories or guidance issued by federal or state governments are not legally binding and do not have the status of ARARs. Such requirements may, however, be useful, and are “to be considered” (TBC). TBC (40 CFR § 300.400[g][3]) requirements complement ARARs but do not override them. They may be useful in developing CERCLA remedies. TBC standards may be used in conjunction with ARARs or standing alone in the absence of ARARs to achieve an acceptable level of risk.

Pursuant to EPA guidance ([EPA 1988](#)), ARARs are generally divided into three categories: chemical-specific, location-specific, and action-specific requirements. This classification was developed to aid in the identification of ARARs; some ARARs do not fall precisely into one group or another. ARARs are identified on a site basis for remedial actions where CERCLA authority is the basis for cleanup.

Remedial action performed under CERCLA must comply with all ARARs. The selected remedy was found to comply with all ARARs, as presented in [Tables 13-1 through 13-3](#). Compliance with chemical-specific, location-specific, and action-specific ARARs is described in the following subsections.

13.2.1 Chemical-Specific ARARs

This section summarizes the analysis of chemical-specific ARARs identified for Parcel B. Chemical-specific ARARs are health- or risk-based numerical values or methodologies that, when applied to site-specific conditions, establish the acceptable amount or concentration of a chemical that may be found in, or discharged to, the environment. Chemical-specific ARARs for the selected alternatives are presented in detail in [Table 13-1](#) and described in general below, by medium.

13.2.1.1 Soil

Federal

Excavation of soil will generate waste that the Navy will dispose of off site. The Navy has identified specific substantive provisions of the Resource Conservation and Recovery Act (RCRA) (Cal Code Regs. tit. 22 § 66261) as federal ARARs that require the characterization of waste for proper off-site disposal.

For PCB-contaminated soil, the Navy has identified specific substantive provisions of the Toxic Substances Control Act's PCB remediation waste requirements (40 CFR § 761) as federal ARARs.

For soil with residual radiological contamination that may be found following the TCRA, the Navy has identified specific substantive provisions of Nuclear Regulatory Commission standards (10 CFR § 20) and the Uranium Mill Tailings Radiation Control Act (40 CFR § 192) as federal ARARs. All of the ARARs identified for radiological contamination are relevant and appropriate. The ARARs are not applicable because no sites at Parcel B were Uranium Mill Tailings Radiation Control Act or Nuclear Regulatory Commission regulated sites.

The substantive provisions of the following requirements are relevant and appropriate for all radiologically impacted sites except for IR Sites 7 and 18:

- 40 CFR § 192.12(b)(1) and § 192.41(b)
- 40 CFR § 192.12(b)(2)
- 40 CFR §§ 192.12(a) and 192.32(b)(2)
- 10 CFR § 20.1301
- 10 CFR § 20.1402

The substantive provisions of the following requirements are ARARs for IR Sites 7 and 18, which will be transferred with engineering and institutional controls for radiological contaminants:

- 40 CFR § 192.12(b)(1) and § 192.41(b)
- 40 CFR § 192.12(b)(2)
- 10 CFR § 20.1301
- 10 CFR § 61.41

The substantive provisions of 10 CFR § 20.1402 are ARARs for buildings, fill areas, former building sites, storm drains, and sanitary sewers in Parcel B (specifically excluding IR Sites 7 and 18) that are undergoing cleanup under the radiological TCRA and any additional remedial action required for those TCRA locations.

State

The Navy has also identified specific substantive provisions of Cal. Code Regs. tit. 22 and 27 as state ARARs for characterization of waste for proper off-site disposal.

If the Navy determines that excavated soil meets the regulatory definition of any of the following regulated wastes — (1) RCRA hazardous waste, (2) designated waste, or (3) nonhazardous solid waste — the Navy will dispose of the waste off site in classified waste management units and will comply with all legally applicable requirements for proper off-site disposal, such as packaging, labeling, and placarding.

13.2.1.2 Groundwater

Federal

One of the significant issues in identifying ARARs for groundwater is whether the groundwater can be classified as a source of drinking water. The Navy evaluated the potential for groundwater at Parcel B to serve as a drinking water source under the federal classification criteria and further evaluated it based on eight site-specific factors developed in conjunction with EPA and the BCT ([Chadux et al. 2007](#)). These site-specific factors were: (1) aquifer thickness; (2) actual measured concentrations of total dissolved solids (TDS); (3) actual groundwater yield; (4) proximity to saltwater and the potential for saltwater intrusion; (5) quality of underlying water-bearing units; (6) existence of institutional controls on well construction or aquifer use; (7) information on current and historical use of the aquifer at HPS or in the community surrounding HPS; and (8) depth to groundwater. Based on this evaluation, the Navy determined that groundwater in the A-aquifer at Parcel B is unsuitable as a potential source of drinking water. The Navy has determined that drinking water standards, such as federal and state primary MCLs and non-zero MCL goals (MCLG), are not chemical-specific ARARs for the A-aquifer. However, the Navy has concluded that the B-aquifer is a potential source of drinking water.

Although it has a low potential for use as a source of drinking water, groundwater in the B-aquifer at Parcel B meets the definition of Class II groundwater and has a municipal or domestic supply designation in the Basin Plan. Therefore, the Navy has identified MCLs and non-zero MCLGs as ARARs for groundwater in the B-aquifer at Parcel B. The Navy has identified specific substantive provisions of the Safe Drinking Water Act (SDWA) (40 CFR § 141) as federal ARARs.

The table below lists the COCs identified for the B-aquifer, the federal MCL (if any), and the federal MCLG (if any). COCs for the B-aquifer were identified based on potential communication between the A- and the B-aquifers (discussed in more detail in [Section 5.0](#)). None of these COCs currently exceeds its MCL in the B-aquifer.

Chemical of Concern	Federal MCL	Citation	Federal MCLG	Citation
1,4-Dichlorobenzene	0.075 mg/L	40 CFR § 141.61(a)	0.075 mg/L	40 CFR § 141.50
Benzene	0.005 mg/L	40 CFR § 141.61(a)	Zero	40 CFR § 141.50
Chloroethane	No promulgated MCL	None	No promulgated MCLG	None
Pentachlorophenol	0.001 mg/L	40 CFR § 141.61(c)	Zero	40 CFR § 141.50
Trichloroethene	0.005 mg/L	40 CFR § 141.61(a)	Zero	40 CFR § 141.50
Antimony	0.006 mg/L	40 CFR § 141.62(b)	0.006 mg/L	40 CFR § 141.51
Arsenic	0.010 mg/L	40 CFR § 141.62(b)	Zero	40 CFR § 141.51
Manganese	No promulgated MCL	None	No promulgated MCLG	None
Thallium	0.002 mg/L	40 CFR § 141.62(b)	0.0005 mg/L	40 CFR § 141.51

Notes:

CFR *Code of Federal Regulations*
MCL Maximum contaminant level

MCLG Maximum contaminant level goal
mg/L Milligram per liter

Antimony and thallium are the only COCs for the B-aquifer that have been assigned nonzero MCLGs. The MCLG for antimony is set at a level equal to the MCL. The Navy has determined that the MCLG for antimony is not the relevant and appropriate requirement because it is not more stringent than the MCL. The MCLG for thallium is more stringent than the MCL. Therefore, the Navy determined that the MCLG, and not the MCL, is the relevant and appropriate requirement.

In addition, ambient background concentrations have been established for some inorganic chemicals that are referred to as HGALs. CERCLA and the State of California do not require cleanup to below background conditions. The Navy compared the MCLs for antimony and arsenic, the MCLG for thallium, and the risk-based concentration for manganese with the HGALs. If the HGAL was greater than the MCL, MCLG, or risk-based concentration, the Navy used the HGAL as the basis for the remediation goal for B-aquifer groundwater.

Although the point of compliance for MCLGs and MCLs under the SDWA is at the tap, EPA has determined that, for CERCLA remedies, nonzero MCLGs or MCLs that are selected as ARARs should be obtained throughout the contaminated plume or at and beyond the edge of the waste management area, when waste is left in place (55 Fed. Reg. 8666, 8753 [1990]).

The Navy identified the substantive provisions of the RCRA groundwater protection standards contained in Cal. Code Regs. tit. 22 § 66264.94 as federal, chemical-specific ARARs for groundwater in the A-and B-aquifers. These regulations are applicable to RCRA-regulated units. The CERCLA remedial action for groundwater at Parcel B is not for releases from a RCRA-regulated unit; however, the Navy has determined that these regulations are relevant and appropriate. Cal. Code Regs. tit. 22 § 66264.94(a)(1) and (3) state that for each COC and for each medium monitored, the owner or operator shall propose a concentration limit not to exceed the background concentration or a concentration limit greater than background established for a corrective action program.

Cal. Code Regs. tit. 22 § 66264.94(c) states that a concentration limit greater than the background value can be used only if it is technologically or economically infeasible to achieve the background value and the concentration limit greater than background will not pose a substantial present or potential hazard to human health or the environment. Cal. Code Regs. tit. 22 § 66264.94(d) lists factors to be considered in establishing a concentration limit that is greater than the background value. Cal. Code Regs. tit. 22 § 66264.94(e) states that in no event shall a concentration limit greater than background exceed other applicable statutes or regulations (for example, an MCL) or the lowest concentration demonstrated to be technologically and economically achievable. In general, economic feasibility is an objective balancing of the incremental benefit of attaining further reductions in the concentrations of chemicals of concern with the incremental cost of achieving those reductions. The lowest concentration limit greater than background that is technologically and economically achievable for the A-aquifer is based on unacceptable risk from the vapor intrusion pathway. The lowest concentration limit greater than background that is technologically and economically achievable for the B-aquifer is equivalent to the values that are also MCLs for the B-aquifer.

Installation of groundwater monitoring wells for the groundwater remedy will generate waste that the Navy will dispose of off site. The Navy has identified specific substantive provisions of RCRA (Cal. Code Regs. tit. 22 § 66261) as federal ARARs that require the characterization of waste for proper off-site disposal.

State

Comprehensive Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan)

The Navy accepts the substantive provisions for groundwater in Chapters 2 and 3 of the Basin Plan, including beneficial use, water quality objectives, and waste discharge requirements, as state chemical-specific ARARs. The beneficial uses designated for HPS Parcel B groundwater, except the municipal and domestic supply designation for the A-aquifer, are ARARs. The Navy accepts the substantive provisions of *California Water Code* §§ 13240, 13241, 13243, 13263(a), 13269, and 13360 of the Porter-Cologne Act as enabling legislation as implemented through the beneficial uses, water quality objectives, waste discharge requirements, and promulgated policies of the Basin Plan and State Water Resources Control Board (SWRCB) Res. 88-63 as state chemical-specific ARARs, as discussed below.

The Navy has evaluated groundwater according to the state designations contained in Chapter 2 of the Basin Plan. Chapter 2 designates groundwater at HPS with the following existing or potential beneficial uses:

- Municipal or domestic supply
- Industrial process water supply
- Industrial service water supply
- Agricultural supply

There is no existing or potential beneficial use designation of freshwater replenishment to surface water for groundwater at HPS Parcel B. The Water Board has concurred in the Navy's determination that groundwater in the A-aquifer is not a potential source of drinking water (Water Board 2003).

SWRCB Resolution 88-63

The Navy has also identified the substantive provisions of SWRCB Res. 88-63 as state ARARs. Res. 88-63 provides that all groundwater within the State of California is considered suitable or potentially suitable for domestic or municipal freshwater supply except where any one of the following water quality and production criteria cannot be met:

- TDS exceed 3,000 milligrams per liter (mg/L) (or electrical conductivity is greater than 5,000 micromhos per centimeter) and the Water Board does not reasonably expect the groundwater to supply a public supply system.
- Groundwater is contaminated, either by natural processes or by human activity unrelated to a specific pollution incident, and cannot reasonably be treated for domestic use either by best management practices or best economically available treatment practices.
- Groundwater does not provide sufficient water to supply a single well capable of producing an average sustained yield of 200 gallons per day.

SWRCB Res. 88-63 has been incorporated by reference into the Basin Plan. The Navy has determined that the substantive provisions of this policy are applicable state ARARs. The Navy has determined that groundwater in the A-aquifer falls within these exceptions to potential sources of drinking water and cannot be a potential source of drinking water. The Navy considers the B-aquifer to be a potential source of drinking water.

Navy's Position Regarding SWRCB Resolutions 68-16 and 92-49

The Navy recognizes that the key substantive requirements of Cal. Code Regs. tit. 22 § 66264.94 (and the identical requirements of Cal. Code Regs tit. 23 § 2550.4 and § III.G of SWRCB Res. 92-49) require cleanup to background levels of constituents unless such restoration proves to be technologically or economically infeasible and an alternative cleanup level of constituents will not pose a substantial present or potential hazard to human health or the environment. In addition, the Navy recognizes that these provisions are more stringent than corresponding provisions of 40 CFR § 264.94. Although they are federally enforceable via the RCRA program authorization, they are also independently based on state law to the extent that they are more stringent than the federal regulations.

The Navy has determined that SWRCB Res. 68-16 is not a chemical-specific ARAR for determining response action goals. However, SWRCB Res. 68-16 is an action-specific state ARAR for regulating discharged treated groundwater back into the aquifer. The Navy has determined that further migration of already-contaminated groundwater is not a discharge governed by the language in SWRCB Res. 68-16. More specifically, the language of SWRCB Res. 68-16 indicates that it is prospective in intent, applying to new discharges to maintain existing high-quality waters. It is not intended to apply to restoration of waters that are already degraded.

The Navy's position is that SWRCB Res. 68-16 and 92-49 and Cal. Code Regs. tit. 23 § 2550.4 do not constitute chemical-specific ARARs for this response action because they are state requirements and are not more stringent than federal ARAR provisions of Cal. Code Regs. tit. 22 § 66264.94. The NCP set forth in 40 CFR § 300.400(g)(4) provides that only state standards more stringent than federal standards may be state ARARs (see also CERCLA § 121(d)(2)(A)(ii) [42 U.S.C. § 9621(d)(2)(A)(ii)]).

The substantive technical standard in the equivalent state requirements (Cal. Code Regs. tit. 23, Division [div.] 3, Chapter [ch.] 15 and SWRCB Res. 92-49 and 68-16) is identical to the substantive technical standard in Cal. Code Regs. tit. 22 § 66264.94. This section of Cal. Code Regs. tit. 22 will likely be applied in a manner consistent with equivalent provisions of other regulations, including SWRCB Res. 92-49 and 68-16.

State of California's Position Regarding SWRCB Resolutions 68-16 and 92-49

The State of California does not agree with the Navy's determination that SWRCB Res. 92-49 and 68-16 and certain provisions Cal. Code Regs. tit. 23, div. 3, ch. 15 are not ARARs for this response action. SWRCB has interpreted the term "discharges" in the *California Water Code* to include the movement of waste from soils to groundwater and from contaminated to uncontaminated water (SWRCB 1994). However, the state agrees that the proposed action would comply with SWRCB Res. 92-49 and 68-16, and compliance with the Cal. Code Regs. tit. 22 provisions should result in compliance with the Cal. Code Regs. tit. 23 provisions. The state does not intend to dispute the amended ROD, but reserves its rights if implementation of the provisions at Cal. Code Regs. tit. 22 is not as stringent as state implementation of the provisions at Cal. Code Regs. tit. 23. Because Cal. Code Regs. tit. 22 regulation is part of the state's authorized hazardous waste control program, it is also the state's position that Cal. Code Regs. tit. 22, § 66264.94 is a state ARAR and not a federal ARAR (*United States v. State of Colorado*, 990 F.2d 1565 [1993]).

Whereas the Navy and the State of California have not agreed on whether SWRCB Res. 92-49 and 68-16 and Cal. Code Regs. tit. 23 § 2550.4 are ARARs for this response action, this amended ROD documents each of the parties' positions on the resolutions but does not attempt to resolve the issue.

Waste Characterization

The Navy has also identified specific substantive provisions of Cal. Code Regs. tit. 22 and 27 as state ARARs for the characterization of waste (from construction of groundwater monitoring wells) for proper off-site disposal.

If the Navy determines that excavated soil meets the regulatory definition of any of the following regulated wastes — (1) RCRA hazardous waste, (2) designated waste, or (3) nonhazardous solid waste — the Navy will dispose of the waste off site in classified waste management units and will comply with all legally applicable requirements for proper off-site disposal, such as packaging, labeling, and placarding.

13.2.1.3 Surface Water

Federal

EPA promulgated a rule on May 18, 2000, to fill a gap in California water quality standards that was created in 1994 when a state court overturned the state's water quality control plans that contained water quality criteria for priority toxic pollutants. The rule is commonly called the California Toxics Rule (CTR). The rule is codified at 40 CFR § 131.38. These federal criteria are legally applicable in the State of California for inland surface waters and enclosed bays and estuaries for all purposes and programs under the Clean Water Act. The water quality standards at 40 CFR § 131.38 are applicable federal ARARs for the bay. The Navy has identified the substantive provisions of the CTR as ARARs because these standards are better suited to HPS Parcel B than are the national standards. The CTR standards will be applied at the interface of the A-aquifer and the bay for those chemicals that do not have standards promulgated in Table 3-3 of the Basin Plan. In addition, ambient concentrations have been established as HGALs for some inorganic chemicals. CERCLA and the State of California do not require cleanup to below background conditions. The Navy will compare the CTR standards with these established HGALs, and if the HGAL is greater than the CTR standard, the Navy will meet the HGAL at the interface of the A-aquifer groundwater and the bay.

On December 22, 1992, EPA promulgated federal water quality standards under the authority of the federal Clean Water Act § 303(c)(2)(B), 33 U.S.C. ch. 26, § 1313(c)(2)(B), to establish water quality standards required by the Clean Water Act where the State of California and other states had failed to do so (57 Fed. Reg. 60848 [1992]). These standards have been amended over the years in the *Federal Register* including amendments of the National Toxics Rule (60 Fed. Reg. 22228 [1995]). These water quality standards, as amended, are codified at 40 CFR § 131.36. The Navy has determined that these are not ARARs for the bay because there are better-suited standards promulgated in Table 3-3 of the Basin Plan and the CTR. Additional and revised water quality standards for salinity for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary were codified at 40 CFR § 131.37.

For the B-aquifer groundwater, the Navy has identified federal MCLs as ARARs, as discussed above in [Section 13.2.1.2](#). These ARARs also would be protective of the discharge of B-aquifer groundwater to the bay; therefore, CWA §§ 304 and 303 surface water criteria are not identified as ARARs for the interface of the B-aquifer groundwater and the bay.

State

Basin Plan

In Chapter 3, Table 3-3, of the Basin Plan, the Water Board established water quality objectives (WQO) for chemicals in surface water with salinities equal to or greater than 10 parts per thousand (ppt) 95 percent of the time, many of them based on the CTR. These WQOs apply to all marine waters within the region, except for the South Bay, south of the Dumbarton Bridge. These WQOs apply to the bay, which meets the salinity threshold. These WQOs were identified by the Water Board as applicable state ARARs. The Navy has accepted Table 3-3 of the Basin Plan as a state ARAR for the bay because it is a state promulgation for the specific

pollutants and the water body (the bay) at HPS Parcel B. The Navy will meet the WQOs promulgated in Table 3-3 of the Basin Plan in the bay, at the interface of the A-aquifer and the bay unless that standard is lower than an established HGAL. If the WQOs promulgated in Table 3-3 of the Basin Plan are lower than an established HGAL, then, because CERCLA and the State of California do not require cleanup to below background conditions, the Navy will meet the HGAL. For chemicals that do not have a WQO promulgated in Table 3-3 of the Basin Plan, the Navy will comply with the standards promulgated in the CTR.

13.2.1.4 Air

Federal

The Navy identified specific substantive provisions of the Clean Air Act (40 CFR Part 61) as federal ARARs for air for the duration of active remediation to address airborne emissions and fugitive dust from radionuclides.

13.2.2 Location-Specific ARARs

Location-specific ARARs are restrictions on the concentrations of hazardous substances or on conducting activities solely because they are in specific locations. Specific locations include floodplains, wetlands, historic places, and sensitive ecosystems or habitats. Location-specific ARARs are presented in detail in [Table 13-2](#) and are discussed, in general, below.

Federal

The substantive provisions of the following requirements are federal location-specific ARARs.

- Coastal Zone Management Act at 16 U.S.C. § 1456(c)(1)(A) and 15 CFR § 930 requiring activities that affect the coastal zone be conducted in a manner consistent with approved state management programs, including the San Francisco Bay Plan (Bay Plan)(see state location-specific ARARs below).
- Executive Order 11990, Protection of Wetlands at 40 CFR § 6.302(a) and 40 CFR Part 6, Appendix A § 6(a)(1), (3), and (5) (at the end of § 6.1007) requiring that federal agencies minimize the destruction, loss, or degradation of wetlands; preserve and enhance the natural and beneficial value of wetlands; and avoid support of new construction in wetlands if a practicable alternative exists.
- National Historic Preservation Act of 1966, as amended, at 16 U.S.C. § 470-470x-6, its implementing regulations at 36 CFR Part 800, and 40 CFR § 6.301(b) requiring the federal government to minimize harm to properties listed on or eligible for listing on the National Register of Historic Places.

The Coastal Zone Management Act (16 U.S.C. §§ 1451-1464) specifically excludes federal lands from the coastal zone (16 U.S.C. § 1453[1]). Therefore, the Coastal Zone Management Act is not applicable to HPS Parcel B. The Coastal Zone Management Act will be evaluated as a relevant and appropriate requirement. Section 1456(c)(1)(A) requires each federal agency activity within or outside the coastal zone that affects any land or water use or natural resource to conduct its

activities in a manner that is consistent to the maximum extent practicable with enforceable policies of approved state management policies. A state coastal zone management program is developed under state law guided by the Coastal Zone Management Act and its accompanying implementing regulations in 15 CFR Part 930. A state program sets forth objectives, policies, and standards to guide public and private uses of lands and water in the coastal zone.

Executive Order 11990 is an ARAR because construction of the shoreline revetment will result in filling of a small wetland area (1,300 ft²).

The National Historic Preservation Act is an ARAR because the Navy has concluded that Building 140 at Parcel B is eligible for inclusion on the National Register of Historic Places. The selected remedy will not adversely affect this building. Pursuant to §§ 106 and 110(f) of the National Historic Preservation Act (Title 16 U.S.C. §§ 470–470x-6, and its implementing regulations [36 CFR Part 800]), as amended, CERCLA remedial actions are required to take into account the effects of remedial activities on any historic properties included on or eligible for inclusion on the National Register of Historic Places (National Register). The National Register is a list of districts, sites, buildings, structures, and objects that are significant in American history, architecture, archaeology, engineering, and culture. Section 110(f) of the National Historic Preservation Act of 1966, as amended, requires that before approval of any federal undertaking that may directly and adversely affect any National Historic Landmark, the head of the responsible federal agency will, to the maximum extent possible, undertake planning and actions as may be necessary to minimize harm to the landmark, and will afford the advisory council a reasonable opportunity to comment on the undertaking.

The Navy is addressing and will continue to address these substantive requirements of 36 CFR Part 800 in the CERCLA process in lieu of the procedural requirements set forth in 36 CFR Part 800. More specifically, the Navy will focus the CERCLA process by actively seeking the expertise and comments of the State Historic Preservation Office (SHPO), Advisory Council on Historic Preservation (ACHP), and other interested parties to ensure the substantive requirements of the National Historic Preservation Act and 36 CFR Part 800 are being adequately addressed.

These entities were provided with the opportunity to review and comment on the Navy's findings on the Hunters Point Commercial Dry Docks Historical District and Building 140 in the Proposed Plan for Parcel B. No comments were received during the comment period. The Navy will also be available to meet and discuss alternatives, any adverse effects, and historic mitigation, with SHPO, ACHP, and stakeholders through open house presentations as well as through comments on this amended ROD.

State

The Navy has also identified specific substantive provisions of the McAteer-Petris Act (California Government Code §§ 66600 through 66661) authorizing the Bay Plan as state location-specific ARARs.

The San Francisco Bay Conservation and Development Commission (BCDC) administers the Coastal Zone Management Act within the bay. California's approved coastal management program includes the Bay Plan developed by the BCDC. The BCDC was formed under the

authority of the McAteer-Petris Act, *California Government Code* § 66600 *et seq.*, which authorizes the BCDC to regulate activities within San Francisco Bay and its shoreline (including 100 feet landward from the shoreline) in conformity with the policies of the Bay Plan. The McAteer-Petris Act and the Bay Plan were developed primarily to halt uncontrolled development and filling of the bay. Their broad goals include reducing bay fill and disposal of dredged material in the bay, maintaining marshes and mudflats to the fullest extent possible to conserve wildlife and abate pollution, and protecting the beneficial uses of the bay. The federal Coastal Zone Management Act, which requires compliance with approved state coastal zone management program, is a federal ARAR. Therefore, the substantive provisions of the McAteer-Petris Act and the Bay Plan are state ARARs for Parcel B.

Nonfederal entities must obtain a BCDC permit before placing fill material in the bay. The permit requirements are not ARARs for the Navy, but the Navy needs to comply with the substantive provisions of the McAteer-Petris Act and the Bay Plan. For example, the McAteer-Petris Act states that filling of the bay should be authorized only when (1) public benefits from fill clearly exceed public detriment from the loss of the water areas, and (2) no alternative upland location is available. When fill is authorized, the water area to be filled should be the minimum necessary to achieve the purpose of the fill project, the fill should minimize harmful effects to the bay area, and the fill project must be constructed in accordance with sound safety standards.

All of the selected remedial alternatives can be implemented in a manner consistent with the goals and substantive requirements of the McAteer-Petris Act and the Bay Plan.

13.2.3 Action-Specific ARARs

Action-specific ARARs are technology- or activity-based requirements or limitations for remedial activities. These requirements are triggered by the particular remedial activities conducted at the site. Action-specific ARARs for components of the selected remedy are summarized below and discussed in detail in [Table 13-3](#). No action-specific ARARs are associated with components of the remedy related to radiologically impacted soil and structures.

13.2.3.1 Soil Remedy

Excavation and Off-Site Disposal

The Navy has identified specific substantive provisions of RCRA (Cal. Code Regs. tit. 22 and 40 CFR § 264), the Clean Water Act (40 CFR § 122), and the Clean Air Act (Bay Area Air Quality Management District [BAAQMD] Regulation 6-302) as federal action-specific ARARs for excavation and off-site disposal.

Stormwater discharge requirements under the Clean Water Act require the use of best management practices to control or abate the discharge of pollutants when authorized under Clean Water Act § 402(p) to control storm water discharges. Under the Clean Water Act and its implementing regulations, individual National Pollutant Discharge Elimination System permits, or coverage under promulgated storm water general permits, are required for construction that disturbs at least 1 acre. The State of California has promulgated a storm water general permit as Order No. 99-08-DWQ. Under CERCLA § 121(e)(1), no federal, state, or local permit is required for any remedial action conducted entirely on site, where it is

selected and carried out in compliance with CERCLA § 121. The Navy is therefore not required to obtain an individual storm water permit or submit a notice of intent to discharge under the state's general permit. The Navy will, however, use the substantive requirements of the state's general permit for storm water discharges as to-be-considered standards for complying with the requirement to apply best management practices for storm water discharges promulgated at 40 CFR § 122.44(k)(2) and (4).

Any hazardous substance, pollutant, or contaminant that is shipped off site as a result of the implementation of this alternative will be shipped to a facility in compliance with 42 U.S.C. § 9621(d)(3) and EPA's off-site rule at 40 CFR § 300.440.

The Navy has identified specific substantive provisions of Cal. Code Regs. tit. 27 as state action-specific ARARs for excavation and off-site disposal.

In addition, specific substantive provisions of Cal. Code Regs. tit. 17, § 93105 are ARARs for control of airborne asbestos during construction, grading, and excavation. These regulations also require that when the project is complete, the disturbed surfaces in areas of naturally occurring asbestos must be stabilized using one or more of the following methods:

- A vegetative cover
- Placement of at least 3 inches of non-asbestos-containing material
- Paving
- Any other measure deemed sufficient to prevent wind speeds of 10 miles per hour or greater from causing visible dust emissions

The soil excavations will be covered with a non-asbestos-containing soil cover or paving that will comply with this ARAR.

Constructing the Shoreline Revetment and Covers for Soil

The Navy has identified specific substantive provisions of Cal. Code Regs. tit. 22, the Clean Water Act (40 CFR § 122), and the Clean Air Act (BAAQMD Regulation 6-302) as federal action-specific ARARs for construction of the shoreline revetment and for construction of a soil, asphalt, or concrete cover for the soil.

The Navy has identified specific substantive provisions of Cal. Code Regs. tit. 17 and 27 as state action-specific ARARs for construction of the shoreline revetment and for construction of a soil, asphalt, or concrete cover for the soil.

Construction of a Shoreline Revetment (Only)

The Navy has identified specific substantive provisions of RCRA temporary tank requirements (Cal. Code Regs. tit. 22, § 66264) as federal action-specific ARARs that apply only to construction of the shoreline revetment.

These requirements are applicable for dredged material that meets the definition of RCRA hazardous waste or non-RCRA, state regulated hazardous waste. The dredged material may meet the definition of a non-RCRA, state regulated hazardous waste if it contains a total threshold limit concentration wet weight of PCBs greater than or equal to 50 mg/kg as defined in Cal. Code Regs. tit. 22, § 66261.24(a)(2)(B). These requirements are relevant and appropriate requirements for dredged material that does not meet the definition of RCRA hazardous waste or non-RCRA, state regulated hazardous waste. Complying with these RCRA ARARs would also be protective for any PCB contamination in the dredged sediment.

Construction of the shoreline revetment also would result in filling in a wetland, approximately 1,300 square feet in size. The discharge of fill material into the waters of the United States is regulated under Clean Water Act § 404; therefore, the Navy has identified Clean Water Act § 404 as a federal action-specific ARAR. Section 404 of the Clean Water Act of 1977 governs the discharge of dredged and fill material into waters of the United States, including adjacent wetlands. Wetlands include swamps, marshes, bogs, sloughs, potholes, wet meadows, river overflows, mudflats, natural ponds, and similar areas. Both EPA and the U.S. Army Corps of Engineers have jurisdiction over wetlands. EPA's § 404 guidelines are promulgated in 40 CFR § 230, and the U.S. Army Corps of Engineer's guidelines are promulgated in 33 CFR § 320.

Construction of the shoreline revetment will not result in the discharge of dredged material into the wetland or the bay. Pursuant to 33 CFR § 323.2(d)(2), earth moving in waters of the United States does not constitute discharge of dredged material if project-specific evidence shows that the activity results only in incidental fallback. Title 33 CFR § 323.2(d) defines incidental fallback as the redeposit of small volumes of dredged material that is incidental to excavation in waters of the United States when the material falls back to substantially the same place as the initial removal. Dredging the sediment around the bay at Parcel B may be necessary for construction of the shoreline revetment; however, the Navy would remove the sediment for off-site disposal, and only incidental fallback of the dredged material would result.

Construction of the shoreline revetment will result in the discharge of fill material into the wetland and the bay. Pursuant to 33 CFR § 323.2(e), fill material is defined as any material placed in waters of the United States where the material has the effect of replacing any portion of a water of the United States with dry land. Construction of the shoreline revetment would result in the complete filling in of the wetland, the loss of which will be replaced by the Navy. The Navy has identified specific substantive provisions contained in titles 33 and 40 of the Code of Federal Regulations as ARARs for the discharge of fill material.

The Navy will discharge fill material into the wetland in a manner consistent with Nationwide General Permit 38 (Cleanup of Hazardous and Toxic Waste) available under the U.S. Army Corps of Engineers Nationwide Permit program at 33 CFR § 330. Nationwide Permit 38 is contained in 67 Fed. Reg. 2020, Appendix B. The Navy is not required to first obtain authorization from the U.S. Army Corps of Engineers, either through an individual permit or by filing a notice of intent to discharge under a general permit because CERCLA § 121(e) does not require permits for remedial actions conducted entirely on site. Instead, the Navy will comply with the substantive provisions of the Nationwide Permit 38, including general conditions

contained in 67 Fed. Reg. 2020, Appendix C as a means of complying with § 404 of the Clean Water Act and its implementing regulations (33 U.S.C. § 1344, 40 CFR § 230 and 33 CFR §§ 320 and 323) identified above as ARARs. These conditions include requirements to delineate the wetland, discharge suitable material, and mitigate the loss of the wetland by creating a new wetland that provides a functional replacement for the wetland loss. The Navy will mitigate the loss of the wetland using one of the following methods: compensatory mitigation, mitigation banking, or an in-lieu fee arrangement. The final details of the plan for wetland mitigation will be included in the remedial design.

Soil Vapor Extraction

The Navy has identified specific substantive provisions of BAAQMD regulations as federal ARARs.

Institutional Controls

The Navy has identified specific substantive provisions of California Civil Code, California Health and Safety Code, and Cal. Code Regs. tit. 22, as relevant and appropriate state ARARs for implementing institutional controls and entering into a Covenant to Restrict Use of Property with DTSC.

- California Civil Code Land Use Controls § 1471
- California Health and Safety Code Land Use Controls §§ 25202.5, 25222.1, 25232(b)(1)(A)-(E), 25233(c), 25234, and 25355.5(a)(1)(C)
- Cal. Code Regs. tit. 22, § 67391.1

The relevant and appropriate substantive provisions of California Civil Code § 1471 are the following general narrative standard: “... to do or refrain from doing some act on his or her own land ... where...: (c) Each such act relates to the use of land and each such act is reasonably necessary to protect present or future human health or safety of the environment as a result of the presence on the land of hazardous materials, as defined in § 25260 of the Health and Safety Code.” This language provides authority for establishing a durable institutional control that will be implemented through incorporation of restrictive environmental covenants that run with the land into both the federal deed at the time of transfer of the property and in the Covenant to Restrict Use of Property with DTSC to be executed at the time of transfer.

The relevant and appropriate substantive provision of California Health and Safety Code § 25202.5 is the general narrative standard that authorizes DTSC to enter into an agreement to restrict “present and future uses of all or part of the land on which the ... facility ... is located” This substantive provision would be implemented by incorporation of restrictions on the use of the property in the Covenant to Restrict Use of Property at the time of transfer for purposes of protecting present and future public health and safety.

California Health and Safety Code §§ 25222.1 and 25355.5(a)(1)(C) provide the authority for the state to enter into voluntary agreements to establish land use covenants with the owner of property. The substantive requirements of the following California Health and Safety Code § 25222.1 provisions are relevant and appropriate: (1) the general narrative standard: “restricting specified uses of the property, ...” and (2) “... the agreement is irrevocable, and shall be recorded by the owner, ... as a hazardous waste easement, covenant, restriction or servitude, or any combination thereof, as appropriate, upon the present and future uses of the land.” The substantive requirements of the following California Health and Safety Code § 25355.5(a)(1)(C) provisions are relevant and appropriate: “... execution and recording of a written instrument that imposes an easement, covenant, restriction, or servitude, or combination thereof, as appropriate, upon the present and future uses of the land.” The Navy would comply with these relevant and appropriate substantive requirements of California Health and Safety Code §§ 25222.1 and 25355.5(a)(1)(C) by incorporating selected land use and activity restrictions into the Navy’s deed of conveyance in the form of restrictive covenants which will meet the requirements of California Civil Code § 1471 and entering into a Covenant to Restrict Use of Property with DTSC at the time of transfer of the property.

Land-use restriction requirements for hazardous waste property are set forth in California Health and Safety Code § 25232(b)(1)(A)–(E). These include prohibitions on residences, hospitals for humans, schools for persons under 21 years of age, day care centers, or any permanently occupied human habitation. Although IR Sites 7 and 18 have not been designated as hazardous waste property, these prohibitions are relevant and appropriate at IR Sites 7 and 18 where they are necessary to provide adequate protection of human health and the environment. California Health and Safety Code § 25233(c) sets forth relevant and appropriate substantive criteria for granting variances from prohibited uses set forth in California Health and Safety Code § 25232(b) based upon specified environmental and health criteria.

California Health and Safety Code § 25234 sets forth the following relevant and appropriate substantive criteria for the removal of a land use restriction on the grounds that “... the waste no longer creates a significant existing or potential hazard to present or future public health or safety.”

DTSC promulgated a regulation on April 19, 2003, regarding “Requirements for Land-Use Covenants” at Cal. Code Regs., tit. 22, § 67391.1. The substantive provisions of this regulation have been determined to be relevant and appropriate state ARARs by the Navy, and the Navy will comply by entering into a Covenant to Restrict Use of Property with DTSC.

EPA Region 9 agrees that the substantive portions of the state statutes and regulations referenced in this section are ARARs. EPA Region 9 specifically considers §§ (a), (b), (d), and (e) of Cal. Code Regs., tit. 22 § 67391.1, to be ARARs for this amended ROD. DTSC’s position is that all of the state statutes and regulations referenced in this section are ARARs.

13.2.3.2 *Groundwater Remedy*

Groundwater Monitoring

The Navy has identified specific substantive provisions of Cal. Code Regs. tit. 22 as federal ARARs for groundwater monitoring.

Any hazardous substance, pollutant, or contaminant that is shipped off site as a result of the implementation of this alternative will be shipped to a facility in compliance with 42 U.S.C. § 9621(d)(3) and EPA's off-site rule at 40 CFR § 300.440.

The Navy has identified specific substantive provisions of Cal. Code Regs. tit. 27 as state ARARs for groundwater monitoring.

In Situ Treatment

Under the selected remedy, the Navy will inject substrates into groundwater to actively treat contaminants where concentrations are highest.

The Navy has identified specific substantive provisions of the Underground Injection Control Program of the Safe Drinking Water Act as action-specific ARARs.

Chemicals (either a biological amendment or organo-sulfur compound) would be injected into the groundwater through a Class V injection well. Class V injection wells are authorized by rule under 40 CFR § 144.24(a), so a specific permit is not required. Basic information about the Class V well is required under 40 CFR § 144.83. The requirement to compile and submit this basic information is procedural and, therefore, cannot be an ARAR; however, the Navy will use the basic information requirements at 40 CFR § 144.83 as TBCs for complying with the substantive requirement of the federal ARAR at 40 CFR § 144.12(a).

Institutional Controls

The Navy has identified specific substantive provisions of California Civil Code, California Health and Safety Code, and Cal. Code Regs. tit. 22 as state ARARs for implementing institutional controls and entering into a Covenant to Restrict Use of Property with DTSC.

These ARARs related to implementing institutional controls are described in detail as part of the discussion of the soil remedy in [Section 13.2.3.1](#).

13.3 COST-EFFECTIVENESS

The Navy has concluded that the selected alternatives would provide overall effectiveness in proportional to their costs; thus, they are considered cost effective. All of the technologies included in the selected remedy are readily implementable and have been widely used and demonstrated to be effective. The costs are proportional to overall effectiveness by achieving long-term effectiveness and permanence within a reasonable timeframe.

13.4 USE OF PERMANENT SOLUTIONS AND ALTERNATIVE TREATMENT TECHNOLOGIES (OR RESOURCE RECOVERY TECHNOLOGIES) TO THE MAXIMUM EXTENT PRACTICABLE

The Navy has determined that the amended selected remedy represents the maximum extent practicable to which permanent solutions and alternative treatment technologies can be used in a cost-effective manner for Parcel B. Of all the alternatives that are protective of human health and the environment and comply with ARARs, the Navy has concluded that the amended selected remedy for soil, groundwater, and radiologically impacted soil and structures would provide the best balance of tradeoffs among short-term effectiveness, long-term effectiveness and permanence, implementability, and cost. The amended selected remedy is expected to be permanent and effective over the long-term land use. The nature and distribution of the COCs in soil, especially metals and radionuclides, do not allow treatment to be an effective remedy. Excavation and disposal as well as covers (that are regularly inspected and maintained) will provide long-term effectiveness.

13.5 PREFERENCE FOR TREATMENT AS A PRINCIPAL ELEMENT

The amended selected remedy for soil satisfies the statutory preference for treatment as a principal element of the remedy to the maximum extent practicable. The SVE component of the remedy for soil will provide collection of VOCs, which will then be treated using on- or off-site methods to reduce the toxicity, mobility, or volume of contaminants. Treatment is not practicable for the other COCs in soil, especially metals and radionuclides.

The amended selected remedy for groundwater satisfies the statutory preference for treatment as a principal element of the remedy. The in situ treatment component of the remedy for groundwater will reduce the toxicity, mobility, or volume of contaminants as a principal element.

The selected remedy for radiologically impacted soil and structures does not satisfy the statutory preference for treatment as a principal element of the remedy. The remedy for radiologically impacted soil and structures will not reduce the toxicity, mobility, or volume of contaminants through treatment. Treatment is not practicable for radionuclides on structures or in soil.

13.6 5-YEAR REVIEW REQUIREMENTS

A 5-year review pursuant to CERCLA § 121 and the NCP is required if the selected remedy results in hazardous waste or chemicals remaining at the site above levels allowing for unrestricted use of the site. Because contaminants will remain on site which will preclude unrestricted use, a statutory review will be conducted every 5 years until institutional controls are no longer necessary or the site is suitable for unrestricted use. Statutory 5-year reviews for remedial actions at Hunters Point Shipyard, including Parcel B, are based on the original remedial actions started in 1998. The first 5-year review was completed in 2003; the second 5-year review was completed in 2008. The next 5-year review is scheduled for 2013.

TABLES

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
GROUNDWATER				
FEDERAL				
Safe Drinking Water Act (42 U.S.C., ch. 6A, § 300[f]–300[j]-26)^b				
National primary drinking water standards are health-based standards for public water systems (MCLs).	Public water system.	40 CFR § 141.61(a) and (c)	Relevant and appropriate	The Navy considers the B-aquifer a Class II aquifer under federal criteria and a potential source of drinking water based on an evaluation of site-specific factors. The Navy has determined that the A-aquifer is not a potential source of drinking water; therefore, drinking water standards (MCLs) are not ARARs.
MCLGs pertain to known or anticipated adverse health effects (also known as recommended MCLs).	Public water system.	40 CFR § 141.51	Relevant and appropriate	The Navy considers the B-aquifer a Class II aquifer under federal criteria and a potential source of drinking water based on an evaluation of site-specific factors. The Navy has identified the non-zero MCLG for thallium as a potential chemical-specific ARAR for the B-aquifer. The Navy has determined that the A-aquifer is not a potential source of drinking water; therefore, drinking water standards (MCLs and non-zero MCLGs) are not ARARs.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
GROUNDWATER (Continued)				
Resource Conservation and Recovery Act (42 U.S.C., ch. 82, §§ 6901–6991[i])^b				
Groundwater protection standards: owners/operators of RCRA treatment, storage, or disposal facilities must comply with conditions in this section that are designed to ensure that hazardous constituents entering the groundwater from a regulated unit do not exceed the concentration limits for contaminants of concern set forth under Cal. Code Regs. tit. 22, § 66264.94 in the uppermost aquifer underlying the waste management area of concern at the POC.	A regulated unit that receives or has received hazardous waste before July 26, 1982, or regulated units that ceased receiving hazardous waste prior to July 26, 1982, where constituents in or derived from the waste may pose a threat to human health or the environment.	Cal. Code Regs. tit. 22, § 66264.94(a)(1), (a)(3), (c), (d), and (e)	Relevant and appropriate	There is no RCRA-regulated unit at HPS Parcel B; therefore, these standards are not applicable. These standards are relevant and appropriate for the A- and B-aquifers. The Navy will develop site-specific concentration limits for use in its groundwater monitoring program for the A-aquifer. MCLs are the lowest concentrations technically and economically feasible for groundwater in the B-aquifer.
Defines RCRA hazardous waste. A solid waste is characterized as toxic, based on the TCLP, if the waste exceeds the TCLP maximum concentrations.	Waste.	Cal. Code Regs. tit. 22, § 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1), and 66261.100	Applicable	These requirements are ARARs for all waste generated by the Navy in constructing monitoring wells. The Navy would determine if the waste is RCRA hazardous at the time it is generated.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
GROUNDWATER (Continued)				
STATE				
State and Regional Water Quality Control Boards^b				
Authorizes the SWRCB and Water Board to establish in water quality control plans beneficial uses and numerical and narrative standards to protect both surface water and groundwater quality. Authorizes regional water boards to issue permits for discharges to land or surface or groundwater that could affect water quality, including NPDES permits, and to take enforcement action to protect water quality.		Cal. Water Code, div. 7, §§ 13240, 13241, 13243, 13263(a), 13269, and 13360 (Porter-Cologne Water Quality Control Act)	Applicable	The Navy accepts the substantive provisions of §§ 13240, 13241, 13243, 13263(a), 13269, and 13360 of the Porter-Cologne Act enabling legislation, as implemented through the beneficial uses, WQOs, waste discharge requirements, promulgated policies of the Basin Plan for the San Francisco Bay Region as ARARs.
Describes the water basins in the San Francisco Bay Region, establishes beneficial uses of groundwater and surface water, establishes WQOs, including narrative and numerical standards, and incorporates statewide water quality control plans and policies.	Waters of the state.	Chapters 2 and 3 of the Water Quality Control Plan for the San Francisco Bay Basin (Cal. Water Code §13240), Except the MUN designation for the A-aquifer	Applicable	Substantive requirements pertaining to beneficial uses, WQOs, and certain statewide water quality control policies are state ARARs for the groundwater components of this response action.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
GROUNDWATER (Continued)				
STATE				
State and Regional Water Quality Control Boards^b				
Incorporated into all Water Board basin plans. Designates all groundwater and surface waters of the state as drinking water except where the TDS is greater than 3,000 ppm, the well yield is less than 200 gpd from a single well, the water is a geothermal resource or in a water conveyance facility, or the water cannot reasonably be treated for domestic use using either best management practices or best economically achievable treatment practices.	Waters of the state.	SWRCB Res. 88-63	Applicable	Pursuant to SWRCB Res. 88-63, groundwater in the A and B-aquifers is not a potential source of drinking water. The Navy will consider groundwater in the B-aquifer a potential source of drinking water under federal criteria and site-specific factors.
California Environmental Protection Agency, Department of Toxic Substances Control^b				
Definition of "non-RCRA hazardous waste."	Waste.	Cal. Code Regs. tit. 22, § 66261.22(a)(3) and (4), § 66261.24(a)(2)–(a)(8), § 66261.101, § 66261.3(a)(2)(C) or § 66261.3(a)(2)(F)	Applicable	These requirements are ARARs for all waste the Navy generates in constructing monitoring wells. The Navy would determine if the waste is non-RCRA hazardous waste when it is generated.
Definitions of designated and nonhazardous waste.	Waste.	Cal. Code Regs. tit. 27, §§ 20210 and 20220	Applicable	These requirements are ARARs for all waste the Navy generates in constructing monitoring wells. The Navy would determine if the waste is non-RCRA hazardous waste when it is generated.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
SURFACE WATER				
FEDERAL				
Clean Water Act (Title 33 U.S.C., Chapter 26, §§ 1251-1387)^b				
Surface water quality standards.	Discharge to waters of the United States.	40 CFR § 131.38	Applicable	These standards, known as the CTR, are applicable surface water ARARs for the bay. The Navy has identified the CTR as ARARs for surface waters surrounding HPS Parcel B because contaminated groundwater may discharge to the bay. The Navy will meet the CTR ARARs at the interface of the A-aquifer groundwater and the bay for contaminants in the groundwater that do not have a promulgated concentration in Table 3-3 of the Basin Plan, identified as state chemical-specific ARARs.
SURFACE WATER				
STATE				
State and Regional Water Quality Control Boards^b				
Surface water quality standards.	Marine waters with salinities equal to or greater than 10 ppt 95 percent of the time.	Basin Plan Table 3-3	Applicable	These standards are potentially applicable to the bay. The Navy has identified Table 3-3 as ARARs for HPS Parcel B because contaminated groundwater may discharge to the bay. The Navy will meet the Table 3-3 ARARs at the interface of the A-aquifer groundwater and the bay.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
SOIL				
FEDERAL				
Resource Conservation and Recovery Act (42 U.S.C., ch. 82, §§ 6901–6991[i])^b				
Defines RCRA hazardous waste. A solid waste is characterized as toxic, based on the TCLP, if the waste exceeds the TCLP maximum concentrations.	Waste.	Cal. Code Regs. tit. 22, § 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1), and 66261.100	Applicable	These requirements are ARARs for all waste generated by the Navy in implementing the soil remedy. The Navy would determine if the waste is RCRA hazardous at the time it is generated.
Toxic Substances Control Act (15 U.S.C., ch. 53, §§ 2601–2692)^b				
Regulates storage and disposal of PCB remediation waste. There are three options: (a) self-implementing on-site cleanup and disposal; (b) performance-based disposal using existing approved disposal technologies; and (c) risk-based disposal.	Soils, debris, sludge, or dredged materials contaminated with PCBs at concentrations greater than 50 mg/kg.	40 CFR § 761.61(c)	Applicable and relevant and appropriate	This requirement is applicable for soil containing PCB concentrations equal to or greater than 50 mg/kg. This requirement is relevant and appropriate for soil containing PCB concentrations less than 50 mg/kg. A measured concentration of 50 mg/kg has been documented near the shoreline at IR-07.
Uranium Mill Tailings Radiation Control Act (42 U.S.C., ch. 88, §§ 192.12(a),(b), 192.42)^b				
Standards for cleanup of land and buildings contaminated with ²²⁶ radium, ²²⁸ radium, and thorium from inactive uranium processing sites. As a result of residual radioactive materials from any designated processing site: (a) The concentration of ²²⁶ radium in land averaged over any area of 100 square meters shall not exceed the background level by more than: (1) 5 pCi/g, averaged over the first 15 cm of soil below the surface, and (2) 15 pCi/g, averaged over 15-cm-thick layers of soil more than 15 cm below the surface.	UMTRCA sites	40 CFR § 192.12(a) and 192.32(b)(2)	Relevant and appropriate	Not applicable because Parcel B is not an UMTRCA site but is relevant and appropriate for sites with soil contaminated with radioactive waste. The surface and subsurface concentration of 5 pCi/g is relevant and appropriate only for an unrestricted land-use scenario. Not an ARAR for IR-07 or IR-18.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
SOIL (Continued)				
FEDERAL				
Uranium Mill Tailings Radiation Control Act (42 U.S.C., ch. 88, §§ 192.12(a),(b), 192.42)^b				
In any occupied or habitable building, the objective of remedial action shall be, and reasonable effort shall be made to achieve, an annual average (or equivalent) radon decay product concentration (including background) not to exceed 0.02 WL. In any case, the radon decay product concentration (including background) shall not exceed 0.03 WL. Provisions applicable to ²²² radon shall also apply to ²²⁰ radon.	UMTRCA sites	40 CFR § 192.12(b)(1) and §192.41(b)	Relevant and appropriate	Not applicable because Parcel B is not an UMTRCA site. Relevant and appropriate because the alternatives will result in excavation of radioactive material with radioactive contamination that may produce this level of dose.
Concentration limits for cleanup of gamma radiation in buildings at inactive uranium processing sites designated for remedial action. In any occupied or habitable building, the level of gamma radiation shall not exceed the background level by more than 20 microroentgens per hour.	UMTRCA sites	40 CFR § 192.12(b)(2)	Relevant and appropriate	Not applicable because Parcel B is not an UMTRCA site. An ARAR since the alternatives will leave a building with radioactive contamination at the remedial action objective level.
Radiological Criteria for License Termination				
Requires that the TEDE to individual members of the public not exceed 0.1 rem from licensed operation: construction, operation, and decommissioning of commercial reactors and fuel cycle facilities; possession, use, processing, exporting, and certain aspects of transporting nuclear materials and waste; and siting, design, construction, operations, and closure of waste disposal sites.	Existing NRC-licensed site.	10 CFR § 20.1301	Relevant and appropriate	Not applicable because Parcel B is not an NRC regulated site. This requirement is relevant and appropriate for sites where radioactive waste will remain on site.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
SOIL (Continued)				
FEDERAL				
Radiological Criteria for License Termination				
A site will be considered acceptable for unrestricted use if the residual radioactivity that is distinguishable from background radiation results in TEDE to an average member of the critical group that does not exceed 25 mrem/y, including that from groundwater sources of drinking water, and that the residual radioactivity has been reduced to ALARA.	Existing NRC-licensed radiologically contaminated site	10 CFR § 20.1402	Relevant and appropriate	This ARAR is relevant and appropriate for an unrestricted land use scenario. Not an ARAR for IR-07 or IR-18. U.S. EPA does not believe this NRC regulation is protective of human health and the environment, and the HPS cleanup goals are more protective. This regulation is an ARAR only for radiologically impacted sites that are undergoing TCRAs and any additional remedial action required for those sites. It is not an ARAR for radiologically impacted portions of IR Sites 7 and 18 that will be transferred with engineering and institutional controls for radiological contaminants.
Performance objectives for the land disposal of LLRW. Concentrations of radioactive material that may be released into the general environment must not result in an annual dose exceeding 25 mrem to the body or any organ of a member of the general public.	Existing NRC-licensed LLRW disposal site	10 CFR § 61.41	Relevant and appropriate	This ARAR is relevant and appropriate for a restricted land use scenario when radioactive waste remains on site.
STATE				
California Environmental Protection Agency, Department of Toxic Substances Control^b				
Definition of "non-RCRA hazardous waste."	Waste.	Cal. Code Regs. tit. 22, § 66261.22(a)(3) and (4), § 66261.24(a)(2)–(a)(8), § 66261.101, § 66261.3(a)(2)(C) or § 66261.3(a)(2)(F)	Applicable	These requirements are ARARs for all waste the Navy generates in implementing various alternatives. The Navy would determine if the waste is non-RCRA hazardous waste when it is generated.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
SOIL (Continued)				
State and Regional Water Quality Control Boards^b				
Definitions of designated and nonhazardous waste.	Waste.	Cal. Code Regs. tit. 27, §§ 20210 and 20220	Applicable	These requirements are ARARs for all waste generated by the Navy in implementing various alternatives. The Navy would determine if the waste is designated or nonhazardous waste when it is generated.
AIR				
FEDERAL				
NESHAPs under Clean Air Act that Apply to Radionuclides				
Emissions of radionuclides into the ambient air from Department of Energy facilities shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/y.	Facility owned or operated by the Department of Energy that emits any radionuclide other than 222radon and 220radon into the air	40 CFR Part 61 Subpart H, § 61.92	Relevant and appropriate	Not applicable because Parcel B is not a Department of Energy site but may be relevant and appropriate if there is the potential for airborne emissions of radionuclides other than radon. Only an ARAR until cleanup action is completed. Not an ARAR for residual contamination after cleanup.
Emissions of radionuclides, including iodine, into the ambient air from a facility regulated under this subpart shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/y. Emissions of iodine into the ambient air from a facility regulated under this subpart shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 3 mrem/y.	Facilities owned or operated by any federal agency other than the Department of Energy and not licensed by the NRC	40 CFR Part 61 Subpart I § 61.102	Applicable	The requirements are applicable since fugitive dust may be generated during implementation of remedial action at Parcel B. The exposure to the public caused by remedial action operations at Parcel B is not likely to exceed 10 mrem/y because of the following reasons: (1) The concentrations of any radionuclide in dust are relatively low as previously measured in air samples, and (2) the concentration of any radionuclide in dust will be reduced by use of engineering controls such as wetting of soils.

TABLE 13-1: CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Notes:

- a Only the substantive provisions of the requirements cited in this table are ARARs.
- b Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs. Specific ARARs are addressed in the table below each general heading; only substantive requirements of the specific citations are considered ARARs.

§	Section	NPDES	National Pollutant Discharge Elimination System
§§	Sections	PCB	Polychlorinated biphenyl
ALARA	As low as reasonably achievable	pCi/g	Picocurie per gram
ARAR	Applicable or relevant and appropriate requirement	POC	Point of compliance
Cal. Code Regs.	California Code of Regulations	ppm	Part per million
CFR	<i>Code of Federal Regulations</i>	ppt	Part per thousand
cm	Centimeter	RCRA	Resource Conservation and Recovery Act
CTR	California Toxics Rule	SWRCB	State Water Resources Control Board
gpd	Gallon per day	TCRA	Time-critical removal action
HPS	Hunters Point Shipyard	TCLP	Toxicity characteristic leaching procedure
LLRW	Low-level radioactive waste	TDS	Total dissolved solids
MCL	Maximum contaminant level	TEDE	Total effective dose equivalent
MCLG	Maximum contaminant level goal	UMTRCA	Uranium Mill Tailings Radiation Control Act
mg/kg	Milligram per kilogram	U.S.C.	<i>United States Code</i>
mrem/y	Millirem per year	Water Board	San Francisco Regional Water Quality Control Board
NESHAP	National Emissions Standards for Hazardous Air Pollutants	WQO	Water quality objective
NRC	Nuclear Regulatory Commission		

TABLE 13-2: LOCATION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Location	Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
FEDERAL					
Exec. Order No. 11990, Protection of Wetlands^b					
Wetland	Avoid, to the extent possible, the adverse impacts associated with the destruction or loss of wetlands and avoid support of new construction in wetlands if practicable alternatives exist.	Wetland meeting definition of Section 7.	40 CFR § 6.302(a) and 40 CFR pt. 6, app. A, § 6(a)(1), (3), and (5) (at the end of § 6.1007)	Relevant and appropriate	Construction of the shoreline revetment will result in filling of a small (1,300 ft ²) wetland.
Coastal Zone Management Act (16 U.S.C. §§ 1451–1464)^b					
Within coastal zone	Conduct activities in a manner consistent with approved state management programs.	Activities affecting the coastal zone, including lands thereunder and adjacent shore land.	16 U.S.C. § 1456(c)(1)(A) 15 CFR Part 930	Relevant and appropriate	The CZMA excludes federal lands from the coastal zone; however, since portions of HPS Parcel B are within the coastal zone, the Navy has determined that it is relevant and appropriate.
National Historic Preservation Act of 1966, as amended (16 U.S.C. §§ 471-470x-6)^b					
Action to preserve historic properties; planning of action to minimize harm to properties listed on or eligible for listing on the national Register of Historic Places.	Properties included in or eligible for the national Register of Historic Places	Activities affecting the coastal zone, including lands thereunder and adjacent shore land.	16 U.S.C. §§ 470-470x-6, 36 CFR Part 800, and 40 CFR Part 6.301(b)	Applicable	The Navy has determined that Building 140 is eligible for inclusion on the National Register of Historic Places. The following substantive requirements of 36 CFR Part 800 are ARARs: 1. Identify the geographic area potentially affected by the undertaking (area of potential effects under 36 CFR § 800.4[a]) 2. Identify historic properties within the area of potential effects (36 CFR § 800.4[b]) 3. Evaluate the historic significance of the properties (36 CFR § 800.4[c]) 4. Identify and take into account the possible effects of CERCLA remedial alternatives on the eligible historic properties (36 CFR § 800.4[d]) 5. Identify and take into account adverse effects of proposed remedial alternatives on historic properties (36 CFR § 800.5) 6. Resolution of Adverse Effects (36 CFR § 800.6)

TABLE 13-2: LOCATION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Location	Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
STATE					
McAteer-Petris Act (California Government Code §§ 66600 through 66661)^b					
Within the San Francisco Bay coastal zone	Reduce fill and disposal of dredged material in San Francisco Bay, maintain marshes and mudflats to the fullest extent possible to conserve wildlife, abate pollution, and protect the beneficial uses of the bay.	Activities affecting the San Francisco Bay and 100 feet landward of the shoreline.	San Francisco Bay Plan at Cal. Code Regs. tit. 14, §§ 10110 through 11990	Relevant and appropriate	The Navy has determined that the substantive provisions of the CZMA are relevant and appropriate federal location-specific requirements for HPS Parcel B. The CZMA requires federal agency activity be conducted in a manner consistent with approved state management programs to the maximum extent practicable. The McAteer-Petris Act is enabling legislation for the San Francisco Bay Plan, an approved state management program for the San Francisco Bay. Substantive provisions of the McAteer-Petris Act and the San Francisco Bay Plan are relevant and appropriate because their authority is derived from the CZMA, a relevant and appropriate federal requirement. The Navy will continue to conduct its response actions in accordance with the substantive provisions of the San Francisco Bay Plan.

Notes:

- a Only the substantive provisions of the requirements cited in this table are ARARs.
- b Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs. Specific ARARs are addressed in the table below each general heading; only substantive requirements of the specific citations are considered ARARs.
- § Section
- §§ Sections
- ARAR Applicable or relevant and appropriate requirement
- CFR *Code of Federal Regulations*
- CZMA Coastal Zone Management Act
- ft² Square foot
- HPS Hunters Point Shipyard
- U.S.C. *United States Code*

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
SOIL – EXCAVATION					
FEDERAL					
Resource Conservation and Recovery Act (42 U.S.C., Chapter 82, §§ 6901-6991[i]) ^a					
Excavate soil or generate waste.	Person who generates waste shall determine if the waste is a RCRA hazardous waste.	Generator of waste.	Cal. Code Regs. tit. 22, § 66262.10(a), 66262.11	Applicable	These regulations are applicable to excavation of soil and generation of waste. The Navy will determine whether the soil or any waste is RCRA hazardous waste when it is generated.
Excavate soil or generate waste.	Requirements for analyzing waste for determining whether waste is hazardous.	Generator of waste.	Cal. Code Regs. tit. 22, § 66264.13(a) and (b)	Applicable	These regulations are applicable to excavation of soil and generation of waste. The Navy will determine whether the soil or any waste is RCRA hazardous waste when it is generated.
Stockpile soil for off-site disposal.	Allows generators to accumulate solid remediation waste in an EPA-designated pile for storage only up to 2 years during remedial operations without triggering land disposal restrictions.	RCRA hazardous remediation waste temporarily stored in piles.	40 CFR § 264.554(d)(1)(i) through (ii), (d)(2), (e), (f), (h), (i), (j), and (k)	Applicable or relevant and appropriate	The Navy will temporarily stockpile soil in staging piles for off-site disposal. The Navy will characterize the soil, but does not anticipate that all soil will be RCRA hazardous waste, in which case the requirements will be relevant and appropriate. These requirements would be applicable to stockpiled soil that meets the definition of RCRA hazardous waste. Therefore, the Navy will identify these requirements as either applicable or relevant and appropriate, depending on the results of sampling and analysis for waste characterization.
FEDERAL					
Clean Water Act, as Amended (33 U.S.C., ch. 26, §§ 1251–1387) ^a					
Excavate soil.	Owners and operators of construction activities must be in compliance with discharge standards.	Construction activities at least 1 acre in size.	Clean Water Act §402 40 CFR § 122.44(k)(2) and (4)	Applicable	The Navy anticipates disturbing more than 1 acre in the alternatives that involve excavation and off-site disposal of soil and constructing soil covers. The Navy will use the requirements of state general storm water discharge permit, Order 99-08-DWQ, as TBCs for complying with the storm water discharge requirements under the Clean Water Act.
Clean Air Act (42 U.S.C. §§ 7401–7671) ^a					
Construct a shoreline revetment or soil cover; excavate soil.	Prohibits emission equal or greater to 20 percent opacity.	Emission from a source.	BAAQMD Rule 6-302	Applicable	This requirement is applicable to excavation.
STATE					
State Water Resources Control Board ^a					
Excavation of soil and generation of waste.	Sampling and analysis of discharges shall be used for accurate characterization of wastes.	Waste.	Cal. Code Regs. tit. 27, 20200(c)	Applicable	This regulation is applicable to excavation of soil and generation of waste. The Navy will characterize the soil or any waste when it is generated.
State Water Resources Control Board ^a					
Excavation of soil and generation of waste.	Requires that designated waste as defined at <i>California Water Code</i> § 13173 be discharged to Class I or Class II waste management units.	Discharges of designated waste after July 18, 1997, (nonhazardous waste that could cause degradation of surface or groundwaters) to land for treatment, storage, or disposal.	Cal. Code Regs. tit. 27, § 20210	Applicable	This regulation is applicable to excavation of soil and generation of waste. The Navy will determine whether the soil or any waste is designated waste when it is generated.
Excavation of soil and generation of waste.	Requires that nonhazardous solid waste as defined at § 20220(a) be discharged to a classified waste management unit.	Discharge of nonhazardous solid waste after July 18, 1997, to land for treatment, storage, or disposal.	Cal. Code Regs. tit. 27, § 20220(b), (c), and (d)	Applicable	This regulation is applicable to excavation of soil and generation of waste. The Navy will determine whether the soil or any waste is nonhazardous solid waste when it is generated.

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
SOIL – EXCAVATION (Continued)					
STATE					
Air Resources Board					
Excavating soil, constructing a shoreline revetment, and constructing soil covers.	No person shall engage in any construction or grading operation on property where the area to be disturbed is greater than 1 acre unless an asbestos dust mitigation plan for the operation has been submitted to and approved by the district before the start of any construction or grading; and the provisions of that dust mitigation plan are implemented at the beginning and maintained throughout the duration of the construction or grading. Further, upon completion of project, the disturbed areas must be stabilized using one of the following methods: (1) vegetative cover, (2) placement of at least 3 inches of non-asbestos-containing material; (3) paving; (4) any other measure deemed sufficient to prevent wind speeds of 10 miles per hour or greater from causing visible dust emissions.	Construction and grading activities in an ultramafic rock unit; or naturally occurring asbestos, serpentine, or ultramafic rock.	Cal. Code Regs. tit. 17, § 93105	Applicable	The Navy has determined that this regulation is a potential ARAR for maintained landscaping, excavating, constructing a shoreline revetment, and soil covers.
SOIL – CONSTRUCTION OF SOIL COVERS AND SHORELINE REVETMENT					
FEDERAL					
Resource Conservation and Recovery Act (42 U.S.C., Chapter 82, §§ 6901-6991[i]) ^a					
Construct a shoreline revetment or soil cover.	The final cover must accommodate lateral and vertical shear forces generated by the maximum credible earthquake so that the integrity of the final cover is maintained.	RCRA hazardous waste management unit.	Cal. Code Regs. tit. 22, § 66264.310(a)(5)	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
Resource Conservation and Recovery Act CONTINUED(42 U.S.C., Chapter 82, §§ 6901-6991[i]) ^a					
Construct a shoreline revetment or soil cover.	Maintain the integrity and effectiveness of the final cover, including making repairs to the cover as necessary to correct the effects of settling, subsidence, erosion, or other events throughout the post-closure period. Prevent runon and runoff from eroding or otherwise damaging the final cover throughout the post-closure period.	RCRA hazardous waste management unit.	Cal Code Regs. tit. 22, § 66264.310(b)(1) and (4)	Relevant and appropriate	The Navy has determined that these requirements are potential ARARs for constructing a shoreline revetment and covers for the soil. These requirements are relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
Construct a shoreline revetment or soil cover.	Protect and maintain surveyed benchmarks throughout the post-closure period.	RCRA hazardous waste management unit.	Cal. Code Regs. tit. 22, § 66264.310(b)(5)	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
Clean Water Act					
Construct a soil cover or excavate soil.	Owners and operators of construction activities must be in compliance with discharge standards.	Construction activities at least 1 acre in size.	Clean Water Act §402 40 CFR § 122.44(k)(2) and (4)	Applicable	The Navy anticipates disturbing more than 1 acre in the alternatives that involve excavation and off-site disposal of soil and constructing soil covers. The Navy will use the requirements of state general storm water discharge permit, Order 99-08-DWQ, as TBCs for complying with the storm water discharge requirements under the Clean Water Act.

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
SOIL – CONSTRUCTION OF SOIL COVERS AND SHORELINE REVETMENT (Continued)					
FEDERAL					
Clean Air Act					
Construct a shoreline revetment or soil cover; excavate soil.	Prohibits emission equal or greater to 20 percent opacity.	Emission from a source.	BAAQMD Rule 6-302	Applicable	This requirement is applicable to excavation.
STATE					
State Water Resources Control Board ^a					
Constructing a shoreline revetment and soil covers.	Alternatives to construction or prescriptive standards contained in the SWRCB-promulgated regulations of this subdivision may be considered.	Waste management unit. Cal. Code Regs. tit. 27 requirements are only applicable for waste discharged after 18 July 1997 unless otherwise noted.	Cal. Code Regs. tit. 27 § 20080(b)	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
State Water Resources Control Board ^a					
Constructing a shoreline revetment and soil covers.	Actions taken by or at the direction of public agencies to clean up or abate conditions of pollution or nuisance resulting from unintentional or unauthorized releases of waste or pollutants to the environment; provided that wastes, pollutants, or contaminated materials removed from the immediate place of release shall be discharged according to the SWRCB-promulgated sections of Article 2, Subchapter 2, Chapter 3, Subdivision 1 of this division (§ 20200 et seq.); and further provided that remedial actions intended to contain the wastes at the place of release shall implement applicable SWRCB-promulgated provisions of this division to the extent feasible.	Action taken by or at the direction of a public agency to cleanup release of pollutant.	Cal. Code Regs. tit. 27, § 20090(d)	Relevant and appropriate	This requirement is a potential ARAR for the Navy’s response actions.
Constructing a shoreline revetment and soil covers.	Closed units shall be provided with at least two permanent monuments installed by a licensed land surveyor or a registered civil engineer, from which the location and elevation of containment structures can be determined throughout the post-closure maintenance period.	Waste management unit.	Cal. Code Regs. tit. 27 § 20950(d)	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
SOIL – CONSTRUCTION OF SOIL COVERS AND SHORELINE REVETMENT (Continued)					
STATE					
State Water Resources Control Board ^a					
Constructing a shoreline revetment and soil covers.	In spite of differential settlement, the final cover of closed landfills (including waste piles and surface impoundments closed as landfills) shall be designed, graded, and maintained to prevent ponding and to prevent soil erosion caused by high run-off velocities. All portions of the final cover shall have a slope of at least 3 percent unless Water Board allows portions of the final cover to be built with slopes of less than three percent when the discharger proposes an effective system for diverting surface drainage from laterally adjacent areas and preventing ponding in the allowed flatter portion. The final grading design shall be designed and approved by a registered civil engineer or certified engineering geologist taking into consideration pertinent natural and constructed topographic features (including any related to the proposed post-closure land use), and climate.	Waste management unit.	Cal. Code Regs. tit. 27, § 21090(b)(1)	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
Constructing a shoreline revetment and soil covers.	Throughout post-closure maintenance period, the discharger shall prevent erosion and related damage of the final cover caused by drainage.	Waste management unit.	Cal. Code Regs. tit. 27, § 21090(c)(4)	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
Constructing a shoreline revetment and soil covers.	For a closed landfill, when all closure activities are complete for the unit, the discharger shall conduct an aerial photographic survey, or alternative survey under (e)(3), of the closed portions of the unit and of its immediate surrounding area, including at least the surveying monuments [of § 20950(d)]. The data obtained shall be used to produce a topographic map of the site at a scale and contour interval sufficient to depict the as-closed topography of each portion of the unit, and to allow the early identification of any differential settlement. The map produced pursuant to this paragraph shall act as a baseline against which to measure the total settlement, through time, of all portions of the final cover since the date when that landfill, or portion thereof, was closed.	Waste management unit.	Cal. Code Regs. tit. 27, § 21090(e)(1) and (3)	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
Constructing a shoreline revetment and soil covers.	The final cover shall function with minimum maintenance and shall be compatible with post-closure land use. Alternative final cover designs shall meet the performance requirements of paragraph (a). The local enforcement agency may require additional thickness, quality, and type of final cover depending on, but not limited to the future reuse of the site.	Waste management unit.	Cal. Code Regs. tit. 27, § 21140	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
SOIL – CONSTRUCTION OF SOIL COVERS AND SHORELINE REVETMENT (Continued)					
STATE					
State Water Resources Control Board ^a					
Constructing a shoreline revetment and soil covers.	The operator shall ensure the integrity of final slopes under both static and dynamic conditions to protect public health and safety and prevent damage to post-closure land uses, roads, structures, utilities, and to prevent exposure of waste.	Waste management unit.	Cal. Code Regs. tit. 27, §21145(a)	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
Constructing a shoreline revetment and soil covers.	The drainage and erosion control system shall be designed and maintained to ensure integrity of post-closure land uses, roads, and structures; to prevent public contact with waste; to prevent safety hazards; and to prevent exposure of waste. Slopes not underlain by waste shall be stabilized to prevent soil erosion. Methods used to protect slopes and control erosion shall include, but are not limited to, terracing, contour furrows, and trenches.	Waste management unit.	Cal. Code Regs. tit. 27, § 21150	Relevant and appropriate	The Navy has determined that this regulation is a potential ARAR for constructing a shoreline revetment and covers for the soil. This regulation is relevant and appropriate because the revetment and covers will not be constructed as landfill waste management units. Instead, the revetment and covers will be constructed solely to prevent exposure to contaminants in the soil.
Air Resources Board ^a					
Excavating soil, constructing a shoreline revetment, and constructing soil covers.	No person shall engage in any construction or grading operation on property where the area to be disturbed is greater than 1 acre unless an asbestos dust mitigation plan for the operation has been submitted to and approved by the district before the start of any construction or grading; and the provisions of that dust mitigation plan are implemented at the beginning and maintained throughout the duration of the construction or grading. Further, upon completion of project, the disturbed areas must be stabilized using one of the following methods: (1) vegetative cover, (2) placement of at least 3 inches of non-asbestos-containing material; (3) paving; (4) any other measure deemed sufficient to prevent wind speeds of 10 miles per hour or greater from causing visible dust emissions.	Construction and grading activities in an ultramafic rock unit; or naturally occurring asbestos, serpentine, or ultramafic rock.	Cal. Code Regs. tit. 17, § 93105	Applicable	The Navy has determined that this regulation is a potential ARAR for maintained landscaping, excavating, constructing a shoreline revetment, and soil covers.
SOIL – CONSTRUCTION OF SHORELINE REVETMENT ONLY					
Federal					
Resource Conservation and Recovery Act (42 U.S.C., Chapter 82, §§ 6901-6991[ij]) ^a					
Construct a shoreline revetment.	Alternative requirements that are protective of human health or the environment may replace design, operating, or closure standards for temporary tanks and container storage areas.	Temporary storage of RCRA hazardous waste.	Cal Code Regs. tit. 22, § 66264.553(b), (d), (e), and (f)	Applicable or relevant and appropriate	These requirements are applicable for the temporary storage of dredged material that meets the definition of RCRA hazardous waste or non-RCRA, state regulated hazardous waste under Cal. Code Regs. tit. 22, including sediment with TTLC wet weight concentrations of PCBs greater than or equal to 50 mg/kg. Concentrations of PCBs equal to or greater than 50 mg/kg have been measured in the sediment along the shoreline of IR-07. These requirements are relevant and appropriate for dredged material that does not meet the definition of RCRA hazardous waste.
Stockpile soil for off-site disposal.	Allows generators to accumulate solid remediation waste in an EPA-designated pile for storage only up to 2 years during remedial operations without triggering land disposal restrictions.	RCRA hazardous remediation waste temporarily stored in piles.	40 CFR § 264.554(d)(1)(i) through (ii), (d)(2), (e), (f), (h), (i), (j), and (k)	Applicable or relevant and appropriate	The Navy will temporarily stockpile soil in staging piles for off-site disposal. The Navy will characterize the soil, but does not anticipate that all soil will be RCRA hazardous waste, in which case the requirements will be relevant and appropriate. These requirements would be applicable to stockpiled soil that meets the definition of RCRA hazardous waste. Therefore, the Navy will identify these requirements as either applicable or relevant and appropriate, depending on the results of sampling and analysis for waste characterization.

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
SOIL – CONSTRUCTION OF SHORELINE REVETMENT ONLY					
Federal					
Clean Water Act, as Amended (33 U.S.C., ch. 26, §§ 1251–1387) ^a					
Construct a shoreline revetment.	Action to prohibit discharge of dredged or fill material into waters of the United States without permit.	Waters of the United States.	33 U.S.C. § 1344 40 CFR § 230.10; 230.11; 230.20 through 230.25; 230.31; 230.32; 230.41; 230.42; 230.53	Applicable	The soil remedy includes construction of a shoreline revetment that will result in the discharge of fill material into a wetland sufficiently connected to the bay to be regulated under the Clean Water Act. This discharge will be in compliance with the substantive provisions of Nationwide General Permit 38. The Navy is not required to obtain a permit or submit notification that it will discharge in compliance with Nationwide General Permit 38; however, the Navy will use the substantive requirements of this permit as a means to comply with these potential ARARs. In addition, the Navy will mitigate the loss of the wetland.
Resource Conservation and Recovery Act (42 U.S.C., Chapter 82, §§ 6901-6991[ij]) ^a					
Construct a shoreline revetment.	U.S. Army Corps of Engineers requirements for permitting discharges of dredged material into waters of the United States.	Discharge of dredged material into waters of the United States.	33 CFR § 320.4 and 323	Applicable	The soil remedy includes construction of a shoreline revetment that will result in the discharge of fill material into a wetland sufficiently connected to the bay to be regulated under the Clean Water Act. This discharge will be in compliance with the substantive provisions of Nationwide General Permit 38. The Navy is not required to obtain a permit or submit notification that it will discharge in compliance with Nationwide General Permit 38; however, the Navy will use the substantive requirements of this permit as a means to comply with these potential ARARs. In addition, the Navy will mitigate the loss of the wetland.
SOIL – SOIL VAPOR EXTRACTION SYSTEM					
FEDERAL					
Clean Air Act (42 U.S.C. §§ 7401–7671) ^a					
Operate an SVE system.	New emission sources must use best available control technology.	New emission source.	BAAQMD Regulation 2-1-301	Applicable	The Navy would treat the off-gas resulting from the SVE system with a granular activated carbon unit.
Operate an SVE system.	Requirements for SVE systems.	SVE system.	BAAQMD Regulation 8-47	Applicable	These requirements are applicable to the SVE system.
INSTITUTIONAL CONTROLS (FOR BOTH SOIL AND GROUNDWATER ACTIONS)					
STATE					
California Civil Code (Cal. Civil Code § 1471) ^a					
Land use controls.	Provides conditions under which land use restrictions will apply to successive owners of land.	Transfer property from the Navy to a nonfederal agency.	Cal. Civil Code § 1471	Relevant and Appropriate	Substantive provisions are the following general narrative standard: “to do or refrain from doing some act on his or her own land ... where (c) each such act relates to the use of land and each such act is reasonably necessary to protect present or future human health or safety of the environment as a result of the presence of hazardous materials, as defined in § 25260 of the California Health & Safety Code.” This language provides authority for establishing a durable institutional control that will be implemented through incorporation of restrictive environmental covenants that run with the land into both the federal deed at the time of transfer of the property and in the Covenant to Restrict Use of Property with DTSC to be executed at the time of transfer.
California Health and Safety Code Land Use Controls (Cal. Health & Safety Code § 25202.5, § 25222.1, § 25232(b), § 25233(c), § 25234, § 25355.5) ^a					
Land use controls.	Allows DTSC to enter into an agreement with the owner of a hazardous waste facility to restrict present and future land uses.	Transfer property from the Navy to a nonfederal agency.	Cal. Health & Safety Code § 25202.5	Relevant and Appropriate	The substantive provisions of this section are the general narrative standards that authorize DTSC to enter into an agreement to restrict “present and future uses of all or part of the land on which the facility ...is located.”
Land use controls.	Provides a streamlined process to be used to enter into an agreement to restrict specific use of property in order to implement the substantive use restrictions of Cal. Health & Safety Code § 25232(b)(1)(A)–(E).	Transfer property from the Navy to a nonfederal agency.	Cal. Health & Safety Code § 25222.1	Relevant and Appropriate	Cal. Health & Safety Code § 25222.1 provides the authority for the state to enter into voluntary agreements to establish land use covenants with the owner of the property. The substantive provision of Cal. Health & Safety Code § 25222.1 is the general narrative standard: “restricting specified uses of the property.”
Land use controls.	Prohibits certain uses of land containing hazardous waste without a specific variance.	Hazardous waste property.	Cal. Health & Safety Code § 25232(b)(1)(A)–(E)	Relevant and Appropriate	This section is a potential ARAR for ICs that prohibit residences, hospitals for humans, schools for persons under 21 years of age, day care centers, or any permanently occupied human habitation on hazardous waste property. ARAR only for IR-07 and IR-18.
Land use controls.	Provides a process and criteria for obtaining a written variance from a land use restriction.	Transfer property from the Navy to a nonfederal entity.	Cal. Health & Safety Code § 25233(c)	Relevant and Appropriate	Cal. Health & Safety Code § 25233(c) sets forth substantive criteria for granting variances from the uses prohibited in § 25232(b)(1)(A)-(E) based on specific environmental and health criteria.

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
INSTITUTIONAL CONTROLS (FOR BOTH SOIL AND GROUNDWATER ACTIONS) (Continued)					
STATE					
California Health and Safety Code Land Use Controls (Cal. Health & Safety Code § 25202.5, § 25222.1, § 25232(b), § 25233(c), § 25234, § 25355.5) ^a					
Land use controls.	Provides a process and criteria by which DTSC can remove land use restrictions.	Transfer property from the Navy to a nonfederal entity.	Cal. Health & Safety Code § 25234	Relevant and Appropriate	Cal. Health & Safety Code § 25234 sets forth the following “relevant and appropriate” substantive criteria for the removal of a land use restriction on the grounds that “...the waste no longer creates a significant existing or potential hazard to present or future public health or safety.”
Land use controls.	Authorizes DTSC to enter into an enforceable agreement that imposes restrictions on present and future uses of the property.	Transfer property from the Navy to a nonfederal entity.	Cal. Health & Safety Code § 25355.5(a)(1)(C)	Relevant and Appropriate	The substantive requirements of the following Cal. Health & Safety Code § 25355.5(a)(1)(C) provisions are “relevant and appropriate”: “...execution and recording of a written instrument that imposes an easement, covenant, restriction, or servitude, or combination thereof, as appropriate, upon the present and future uses of the site.”
Department of Toxic Substances Control ^a					
Implementing an institutional control.	A land use covenant imposing appropriate limitations on land use shall be executed and recorded when facility closure, corrective action, remedial or removal action, or other response actions are undertaken and hazardous materials, hazardous wastes or constituents, or hazardous substances will remain at the property at levels which are not suitable for unrestricted use of the land.	Property transfer by federal government to non-federal entity.	Cal. Code Regs. tit. 22, § 67391.1	Relevant and appropriate	The substantive provisions of these requirements are relevant and appropriate when the Navy is transferring property to a nonfederal agency. EPA Region 9 specifically considers substantive provisions of §§ (a), (b), (d), and (e) to be potential ARARs.
GROUNDWATER – INJECT CHEMICALS AND MONITOR GROUNDWATER					
FEDERAL					
Resource Conservation and Recovery Act (42 U.S.C., Chapter 82, §§ 6901-6991[ij]) ^a					
Monitor groundwater.	In conjunction with corrective action measures, the owner or operator shall establish and implement a water quality monitoring program to demonstrate the effectiveness of the corrective action program and be effective in determining compliance with the water quality protection standard and in determining the success of the corrective action measures.	RCRA hazardous waste management unit.	Cal. Code Regs. tit. 22 § 66264.100(d)	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.
Monitor groundwater.	Contaminants of concern are the waste constituents, reaction products, and hazardous constituents that are reasonably expected to be in or derived from the waste contained in the regulated unit.	RCRA hazardous waste management unit.	Cal. Code Regs. tit. 22 § 66264.93	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.
Resource Conservation and Recovery Act (42 U.S.C., Chapter 82, §§ 6901-6991[ij]) ^a					
Monitor groundwater.	Owner or operator of shall establish a groundwater monitoring system for each regulated unit and include a sufficient number of monitoring points installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer that represent the quality of groundwater passing the point of compliance.	RCRA hazardous waste management unit.	Cal. Code Regs. tit. 22 § 66264.97(b)(1)(A), (b)(1)(D)(1) and (b)(1)(D)(2)	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.
Monitor groundwater.	Requirements for monitoring well construction and sampling intervals.	RCRA hazardous waste management unit.	Cal. Code Regs. tit. 22 § 66264.97(b)(4), (5), (6), and (7)	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
GROUNDWATER – INJECT CHEMICALS AND MONITOR GROUNDWATER (Continued)					
FEDERAL					
Resource Conservation and Recovery Act (42 U.S.C., Chapter 82, §§ 6901-6991[j]) ^a					
Monitor groundwater.	Requirements for collecting samples.	RCRA hazardous waste management unit.	Cal. Code Regs. tit. 22 § 66264.97(e)(6), (e)(12)(A)(3), (e)(12)(B), (e)(13), and (e)(15)	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.
Generate waste.	Person who generates waste shall determine if the waste is a RCRA hazardous waste.	Generator of waste.	Cal. Code Regs. tit. 22, § 66262.10(a), 66262.11	Applicable	These regulations are applicable to excavation of soil and generation of waste. The Navy will determine whether the soil or any waste is RCRA hazardous waste when it is generated.
Generate waste.	Requirements for analyzing waste for determining whether waste is hazardous.	Generator of waste.	Cal. Code Regs. tit. 22, § 66264.13(a) and (b)	Applicable	These regulations are applicable to the excavation of soil and the generation of waste. The Navy will determine whether the soil or any waste is RCRA hazardous waste when it is generated.
Safe Drinking Water Act (42 U.S.C. § 300[f]-300[j]-26) ^a					
Inject chemicals (biological amendment, zero-valent iron, or organo-sulfur compound) into groundwater.	The underground injection control program prohibits injection that allows movement of contaminants into underground sources of drinking water that may result in violations of MCLs or adversely affect health.	An approved UIC program is required in states listed under SDWA Section 1422. Class I wells and Class IV wells are the relevant classifications for CERCLA sites. Class I wells are used to inject hazardous waste beneath the lowermost formation that contains an underground source of drinking water within 0.25 mile of the well.	40 CFR § 144.12(a) excluding the reporting requirements in § 144.12(b) and 144.12(c)(1)	Applicable	This requirement is applicable to the Navy’s injection of a biological amendment, zero-valent iron, or organo-sulfur compound into the groundwater. The Navy will use the basic information requirements contained in 40 CFR §144.83 as TBCs for complying with the requirement in 40 CFR §144.12(a).
STATE					
State Water Resources Control Board ^a					
Monitor groundwater.	Actions taken by or at the direction of public agencies to clean up or abate conditions of pollution or nuisance resulting from unintentional or unauthorized releases of waste or pollutants to the environment; provided that wastes, pollutants, or contaminated materials removed from the immediate place of release shall be discharged according to the SWRCB-promulgated sections of Article 2, Subchapter 2, Chapter 3, Subdivision 1 of this division (§ 20200 et seq.); and further provided that remedial actions intended to contain the wastes at the place of release shall implement applicable SWRCB-promulgated provisions of this division to the extent feasible.	Action taken by or at the direction of a public agency to cleanup release of pollutant.	Cal. Code Regs. tit. 27, § 20090(d)	Relevant and appropriate	This requirement is a potential ARAR for the Navy’s response actions.
Generate waste.	Sampling and analysis of discharges shall be used for accurate characterization of wastes.	Waste.	Cal. Code Regs. tit. 27, 20200(c)	Applicable	This regulation is applicable to excavation of soil and generation of waste. The Navy will characterize the soil or any waste when it is generated.

TABLE 13-3: ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)
Parcel B Amended Record of Decision, Hunters Point Shipyard, San Francisco, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
GROUNDWATER – INJECT CHEMICALS AND MONITOR GROUNDWATER (Continued)					
STATE					
State Water Resources Control Board ^a					
Generate waste.	Requires that designated waste as defined at <i>California Water Code</i> § 13173 be discharged to Class I or Class II waste management units.	Discharges of designated waste after July 18, 1997, (nonhazardous waste that could cause degradation of surface or groundwaters) to land for treatment, storage, or disposal.	Cal. Code Regs. tit. 27, § 20210	Applicable	This regulation is applicable to excavation of soil and generation of waste. The Navy will determine whether the soil or any waste is designated waste when it is generated.
Generate waste.	Requires that nonhazardous solid waste as defined at § 20220(a) be discharged to a classified waste management unit.	Discharge of nonhazardous solid waste after July 18, 1997, to land for treatment, storage, or disposal.	Cal. Code Regs. tit. 27, § 20220(b), (c), and (d)	Applicable	This regulation is applicable to excavation of soil and generation of waste. The Navy will determine whether the soil or any waste is nonhazardous solid waste when it is generated.

Notes:

a Statutes and policies, and their citations, are provided as headings to identify general categories of potential ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as potential ARARs. Specific potential ARARs follow each general heading, and only substantive requirements of the specific citations are considered potential ARARs.

§ Section

§§ Sections

ARAR Applicable or relevant and appropriate requirement

BAAQMD Bay Area Air Quality Management District

Cal. Code Regs. *California Code of Regulations*

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CFR *Code of Federal Regulations*

DTSC Department of Toxic Substances Control

EPA U.S. Environmental Protection Agency

IR Installation Restoration

MCL Maximum contaminant level

mg/kg Milligram per kilogram

PCB Polychlorinated biphenyl

RCRA Resource Conservation and Recovery Act

SDWA Safe Drinking Water Act

SVE Soil vapor extraction

SWRCB State Water Resources Control Board

TBC To be considered

TTLC Total threshold limit concentration

UIC Underground injection control

U.S.C. *United States Code*

14.0 DOCUMENTATION OF SIGNIFICANT CHANGES

The proposed plan for Parcel B was released for public comment on June 28, 2008 (Navy 2008a). The proposed plan identified the following preferred alternatives:

- Alternative S-5 – Excavation, Methane and Mercury Source Removal, Disposal, Covers, SVE, Institutional Controls, and Shoreline Revetment
- Alternative GW-3A – In Situ Treatment, Groundwater Monitoring, and Institutional Controls
- Alternative R-3 – Survey, Decontamination, Disposal, Release, Close In Place, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls

The Navy has reviewed all written and verbal comments submitted during the public comment period. Based on a review of these comments, the Navy determined that no significant changes to the selected remedial actions as originally identified in the proposed plan were necessary.

However, the Navy obtained new information about the extent of radionuclides in Building 140 during the activities that were part of the TCRA for radionuclides at Parcel B. Specifically, surveys of the components related to Building 140 (see Figure 9-8) indicated no radiological impacts to the Building 140 above-grade structure, the pump pit, or the discharge pipes and closure of the pump pit with backfilled stone and a concrete cap is not necessary.

Based on this new information, the Navy has selected Alternative R-2 as the preferred alternative for radionuclides:

- Alternative R-2 – Survey, Decontamination, Disposal, Release, Cover and Groundwater Monitoring at IR-07 and IR-18, and Institutional Controls

Alternative R-2 was presented in the proposed plan and by the Navy at the public meeting held on July 8, 2008. The Navy has presented information about the TCRA for radionuclides at the public meeting as well as other meetings with the public (for example, RAB meetings). Consequently, this change in alternative could be reasonably anticipated by the public based on the information the Navy has made available.

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ATTACHMENT A
ADMINISTRATIVE RECORD INDEX

HUNTER'S POINT

DRAFT ADMINISTRATIVE RECORD FILE INDEX - UPDATE (SORTED BY RECORD DATE/RECORD NUMBER)

HUNTERS POINT PARCEL B INDEX

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.	
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N00217 / 000003 NONE REPORT NONE 94	11-18-1999 10-01-1984 NONE 00.0	NEESA A. SPIERS NAVFAC - SOUTHWEST DIVISION	INITIAL ASSESSMENT STUDY (IAS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 000004 NONE CORRESPONDENC E NONE 3	11-18-1999 01-23-1985 NONE 00.0	DHS D. HOENIG NAVY A. DONG	COMMENTS ON THE INITIAL ASSESSMENT STUDY	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 000006 NONE REPORT NONE 27	11-18-1999 01-16-1986 NONE 00.0	EMCON R. SCHARLIN NAVFAC - SOUTHWEST DIVISION	PROPOSED VERIFICATION STEP PLAN OF ACTION (SEE AR #9 - REVISED PROPOSED VERIFICATION STEP PLAN OF ACTION)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 000009 NONE REPORT NONE 33	11-18-1999 04-01-1986 NONE 00.0	EMCON R. SHARLIN NAVFAC - SOUTHWEST DIVISION	REVISED PROPOSED VERIFICATION STEP, PLAN OF ACTION - INCLUDES ERRATA LIST (SEE AR #6 - PROPOSED VERIFICATION STEP PLAN OF ACTION)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 000010 NONE REPORT NONE 68	11-18-1999 05-01-1986 NONE 00.0	EMCON NAVFAC - SOUTHWEST DIVISION	HEALTH AND SAFETY PLAN (HASP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	

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N00217 / 000011 NONE REPORT NONE 0	11-18-1999 06-12-1986 NONE 00.0	EMCON	ERRATA REVISED VERIFICATION STEP, PLAN OF ACTION	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED		
N00217 / 000023 SER 1142A/HUNTERS POINT CORRESPONDENC E NONE 5	11-18-1999 12-22-1986 NONE 00.0	NAVY A. DONG RWQCB T. RUMJAHN	SUBMISSION OF DRAFT VERIFICATION STEP VOLUMES II, III, AND IV (W/OUT ENLCOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0001
N00217 / 000025 SER 1142A/HUNTERS POINT CORRESPONDENC E NONE 5	11-18-1999 12-24-1986 NONE 00.0	NAVY A. DONG U.S. EPA N. MORGAN	SUBMISSION OF DRAFT VERIFICATION STEP VOLUMES II, III, AND IV (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0001
N00217 / 000026 NONE CORRESPONDENC E NONE 2	11-18-1999 01-12-1987 NONE 00.0	USEPA - SAN FRANCISCO N. MORGAN CITIZENSHIP FOR A BETTER ENVIR A. RAMO	RESPONSE TO COMMENTS ON 04 DECEMBER 1986 LETTER REGARDING HAZARDOUS WASTE EVALUATION ACTIVITIES (W/OUT ENCLOSURE). ***COMMENTS: [04 DECEMBER 1986 LETTER WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORD]***	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 000027 NONE CORRESPONDENC E NONE 2	11-18-1999 01-12-1987 NONE 00.0	USEPA - SAN FRANCISCO N. MORGAN CITY/COUNTY OF SAN FRANCISCO N. WALKER	RESPONSE TO COMMENTS ON 08 DECEMBER 1986 LETTER REGARDING HAZARDOUS WASTE AND HOMEPORTING EVALUATIONS. ***COMMENTS: (08 DECEMBER 1986 LETTER WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS)***	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		

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N00217 / 000038 EFA WEST SER 1142A/HUNTERS PT/NSY CORRESPONDENC E NONE 3	11-18-1999 03-19-1987 NONE 00.0	NAVFAC - EFA WEST J. GREENWALD DTSC S. SOLARZ	SUBMISSION OF FINAL VOLUME I CONFIRMATION STUDY REPORT (W/OUT ENCLOSURE) [SEE AR #2880 - CONFIRMATION STUDY, VERIFICATION STEP - VOLUME I]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0001	
N00217 / 002880 NONE REPORT NONE 235	11-18-1999 03-19-1987 NONE 00.0	EMCON	CONFIRMATION STUDY, VERIFICATION STEP - VOLUME I (SEE AR #2881 THROUGH AR #2883 - VOLUMES II THROUGH IV)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0045	
N00217 / 002882 NONE REPORT NONE 280	11-18-1999 03-19-1987 NONE 00.0	EMCON	CONFIRMATION STUDY, VERIFICATION STEP - VOLUME III (SEE AR #2880 - VOLUME I, AR #2881 - VOLUME II AND AR #2883 - VOLUME IV)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0045	
N00217 / 002883 NONE REPORT NONE 489	11-18-1999 03-19-1987 NONE 00.0	EMCON	CONFIRMATION STUDY, VERIFICATION STEP - VOLUME IV (SEE AR #2880 THROUGH AR #2882 - VOLUMES I THROUGH III)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0045	
N00217 / 000042 NONE REPORT NONE 0	11-18-1999 04-14-1987 NONE 00.0	EMCON	DRAFT-SURVEY/ASBESTOS MATERIAL WITH ORGANIC/INORGANIC SOIL CONTAMINATION	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 1 - 01/03/06			
N00217 / 000043 NONE CORRESPONDENC E NONE 2	11-18-1999 05-19-1987 NONE 00.0	DEPT. OF THE NAVY J. GREENWALD DHS R. CRANDALL	RESPONSE TO MARCH 19, 1988 LETTER FROM DHS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	

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N00217 / 000049 NONE REPORT NONE 7	11-18-1999 06-01-1987 NONE 00.0		NACIP COMMUNITY RELATIONS PLAN (CRP) INSTALLATION RESTORATION PROGRAM	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 000056 NONE REPORT NONE 0	11-18-1999 07-02-1987 NONE 00.0	EMCON NAVFAC - EFA WEST	AREA STUDY FOR ASBESTOS CONTAINING MATERIAL AND ORGANIC AND INORGANIC SOIL CONTAMINATION (VOLUME 1: REPORT) [SEE AR #2914 - VOLUME 2 OF 2]	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901			
N00217 / 002914 NONE REPORT NONE 0	11-18-1999 07-02-1987 NONE 00.0	EMCON NAVFAC - EFA WEST	AREA STUDY FOR ASBESTOS-CONTAINING MATERIAL AND ORGANIC AND INORGANIC SOIL CONTAMINATION (VOLUME 2 OF 2 - RATIONAL FOR CONCENTRATION LIMITS) [SEE AR #56 - VOLUME 1 OF 2]	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901			
N00217 / 000057 NONE CORRESPONDENCE NONE 5	11-18-1999 07-09-1987 NONE 00.0	DHS H. HATAYAMA NAVFAC - SOUTHWEST DIVISION	COMMENTS ON CONFIRMATION STUDY REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 000062 NONE CORRESPONDENCE NONE 1	11-18-1999 07-27-1987 NONE 00.0	NAVY J. GREENWALD DHS - BERKELEY R. NOTINI	SUBMISSION OF AREA STUDY FOR ASBESTOS CONTAINING MATERIAL (ACM) AND ORGANIC AND INORGANIC SOIL CONTAMINATION (W/OUT ENCLOSURE) [SEE AR #56 AND AR #2914 - AREA STUDY OF ASBESTOS CONTAINING MATERIAL]	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000066 NONE CORRESPONDENCE NONE 3	11-18-1999 07-31-1987 NONE 00.0	CRWQCB D. DALKE NAVCOM G. BROWN	COMMENTS ON CONFIRMATION STUDY	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	

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N00217 / 000067 SER 1142J/HUNTERS PT/NSY CORRESPONDENC E NONE 2	11-18-1999 08-07-1987 NONE 00.0	NAVY J. GREENWALD RWQCB M. DALKE	SUBMISSION OF OUTLINE FOR REMEDIAL INVESTIGATION (RI) WORK PLAN (WP) (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0002	
N00217 / 000076 SER 1146/HUNTERS PT/NSY CORRESPONDENC E NONE 1	11-18-1999 08-26-1987 NONE 00.0	NAVY J. GREENWALD DHS - BERKELEY R. NOTINI	NOTIFICATION OF THE PLAN TO REMOVE SURFACE ASBESTOS CONTAMINATION	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 002885 SER 1146/HUNTERS PT/NSY CORRESPONDENC E NONE 1	11-18-1999 08-26-1987 NONE 00.0	NAVY J. GREENWALD DHS - BERKELEY R. NOTINI	NOTIFICATION OF THE PLAN TO REMOVE SURFACE ASBESTOS CONTAMINATION. ***COMMENTS: (AR #2885 IS A DUPLICATE OF AR #76. AR #2885 WILL BE DELETED FROM THE DATABASE)***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 3 - 01/03/06			
N00217 / 000080 NONE CORRESPONDENC E NONE 2	11-18-1999 09-04-1987 NONE 00.0	CRWQCB R. JAMES NAVCOM C. GUILD	REQUEST FOR WINTERIZATION PROGRAM	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000090 NONE CORRESPONDENC E NONE 4	11-18-1999 09-23-1987 NONE 00.0	NAVY P. DRENNON CRWQCB R. JAMES	SUBMISSION OF MAPS AND HEALTH AND SAFETY PLAN (HASP) FOR WINTERIZATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	

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N00217 / 000095 EFAW SER 1146/OTH/STATE/A GENCY CORRESPONDENC E NONE 0	11-18-1999 10-01-1987 NONE 00.0	NAVFAC - EFA WEST P. DRENNON BUREAU OF ENVIRONMENTAL HEALTH D. WELLS	REQUEST FOR APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS)	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000096 EFAW SER 1146/HP/DOHS/LTR CORRESPONDENC E NONE 2	11-18-1999 10-01-1987 NONE 00.0	NAVFAC - EFA WEST P. DRENNON DHS - BERKELEY R. NOTINI	REQUEST FOR APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR)	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000097 EFAW SER 1146/HP/RWQCB/LT R CORRESPONDENC E NONE 2	11-18-1999 10-01-1987 NONE 00.0	NAVFAC - EFA WEST P. DRENNON CRWQCB - OAKLAND L. FELDMAN	REQUEST FOR APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR)	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000098 EFAW SER 1146/HP/EPA/LTR CORRESPONDENC E NONE 0	11-18-1999 10-02-1987 NONE 00.0	NAVFAC - EFA WEST W. HARRIS USEPA - SAN FRANCISCO A. ZIMPFER	REQUEST FOR APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR)	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000100 NONE CORRESPONDENC E NONE 3	11-18-1999 10-05-1987 NONE 00.0	NAVY W. HARRIS CRWQCB D. DALKE	RESPONSE TO COMMENTS JULY 31, 1988 LETTER FROM RWQCB	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	

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N00217 / 000103 NONE CORRESPONDENC E NONE 3	11-18-1999 10-05-1987 NONE 00.0	NAVY W. HARRIS RWQCB D. DALKE	RESPONSE TO COMMENTS ON THE CONFIRMATION STUDY VERIFICATION STEP REPORT	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 000106 NONE REPORT NONE 12	11-18-1999 10-06-1987 NONE 00.0	HARDING LAWSON ASSOCIATES L. TEAGUE NAVFAC - SOUTHWEST DIVISION	WORK PLAN (WP), COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001		181-07-0027 30093199	BOX 0002
N00217 / 000108 NONE CORRESPONDENC E NONE 2	11-18-1999 10-15-1987 NONE 00.0	NAVY P. DRENNON DHS J. SHITEN	SUBMISSION OF WORK PLAN (WP) FOR COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001		181-07-0027 30093199	BOX 0002
N00217 / 000112 NONE CORRESPONDENC E NONE 1	11-18-1999 10-23-1987 NONE 00.0	NAVY P. DRENNON U.S. EPA MORGAN	SUMMARY OF DATA VALIDATION REQUIREMENTS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001		181-07-0027 30093199	BOX 0002
N00217 / 000089 PROJECT NO. 365- 02.05 REPORT N62474-85-C-5501 160	11-18-1999 10-30-1987 NONE 00.0	EMCON D. COCHRANE NAVFAC - EFA WEST G. BROWN	VERIFICATION OF HAZARDOUS WASTE CONTAMINATION AT SPECIFIC SITES	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			

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N00217 / 000118 T-4-3 CORRESPONDENC E NONE 7	11-18-1999 11-02-1987 NONE 00.0	U.S. EPA J. ZELIKSON NAVFAC - SOUTHWEST DIVISION J. GREENWOLD	GUIDANCE ON COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) REMOVAL ACTIONS (RM) (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0002	
N00217 / 000119 SER 1145/HP/DOHS RESPONSE CORRESPONDENC E NONE 13	11-18-1999 11-05-1987 NONE 00.0	NAVY P. DRENNON DTSC R. NOTINI	NOTIFICATION OF SANDBLASTING WASTE PILES (BERKELEY)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000124 NONE REPORT NONE 150	11-18-1999 11-13-1987 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT SCOPING DOCUMENT: VOLUME 2	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-009			
N00217 / 000125 SER 1146/HP/DOHS CORRESPONDENC E NONE 2	11-18-1999 11-18-1987 NONE 00.0	NAVY P. DRENNON DHS R. NOTINI	SUBMISSION OF DRAFT SCOPING DOCUMENT FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)(W/OUT ENCLOSURE). ***COMMENTS: DOCUMENT WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORD.***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0002	
N00217 / 000129 SER 1146GB/HP/DOHS CORRESPONDENC E NONE 2	11-18-1999 11-30-1987 NONE 00.0	NAVY P. DRENNON DHS H. HATAYAMA	SUBMISSION OF BIBLIOGRAPHY FOR THE HAZARDOUS WASTE INFORMATION (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0002	

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N00217 / 002809 NONE REPORT N62474-85-C-5627 45	11-18-1999 12-01-1987 DO 0037 00.0	ERM WEST NAVFAC - EFA WEST	PHASE 1 REPORT HAZARDOUS WASTE/MATERIAL INVENTORY	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 000137 NONE CORRESPONDENC E NONE 0	11-18-1999 12-09-1987 NONE 00.0	CRWQCB - SAN FRANCISCO R. JAMES NAVFAC - EFA WEST C. GUILD	IDENTIFICATION OF STORM WATER RUNOFF SAMPLING LOCATIONS	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000138 NONE REPORT NONE 79	11-18-1999 12-09-1987 NONE 00.0	CRANGLE	COMMUNITY MEETING TRANSCRIPT	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	
N00217 / 000121 NONE CORRESPONDENC E NONE 1	11-18-1999 12-17-1987 NONE 00.0	NAVY P. DRENNON U.S. EPA J. ZELIKSON	RESPONSE TO APPLICABLE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERLCA) REQUIREMENTS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000142 SER N0002A CORRESPONDENC E NONE 1	11-18-1999 12-17-1987 NONE 00.0	NAVFAC - EFA WEST P. DRENNON EPA J. ZELIKSON	REASSESS REMOVAL ACTION (RM) FOR 4 SITES/ACK RECEIPT OF CERCLA REGS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	
N00217 / 002887 NONE REPORT NONE 0	11-18-1999 12-21-1987 NONE 00.0	HARDING LAWSON ASSOCIATES	GEOTECHNICAL INVESTIGATION	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 3 - 01/03/06			

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N00217 / 002861 HLA JOB NO. 18, 288, 001.04 REPORT NONE 17	11-18-1999 12-22-1987 NONE 00.0	HARDING LAWSON ASSOCIATES THORNTON- ANDERSON ARCHITECTS	ASBESTOS INVESTIGATION	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302		
N00217 / 000144 SER 1146/HP/DOHS/RES P CORRESPONDENC E NONE 0	11-18-1999 12-23-1987 NONE 00.0	NAVY W. HARRIS DHS - BERKELEY H. HATAYAMA	FOLLOW-UP ON THE VERIFICATION OF HAZARDOUS WASTE CONTAMINATION AT SPECIFIC SITES	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 000155 NONE CORRESPONDENC E NONE 23	11-18-1999 12-28-1987 NONE 00.0	DHS	RESPONSE TO SANDBLASTING WASTE PILES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027	BOX 0003 30093199
N00217 / 000175 NONE CORRESPONDENC E NONE 16	11-18-1999 01-05-1988 NONE 00.0	DHS D. HOENIG NAVFAC - EFA WEST P. DRENNON	NOTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENT (ARAR)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_026	181-07-0027	BOX 0003 30093199
N00217 / 000183 HLA JOB NO. 2176,124.02 REPORT NONE 142	11-18-1999 01-20-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT WORK PLAN (WP) VOLUME 5, SITE SAFETY PLAN, REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS). ***COMMENTS: SEE AR #406 – VOLUME 1, 248 – VOLUME 2A, 173 – VOLUME 2B, 213 – VOLUME 2C, 249 – VOLUME 2D, 217 – VOLUME 2E, 1482 – VOLUME 2F, 2391 – VOLUME 2G, 174 – VOLUME 3, 355 – VOLUME 4, 335 – VOLUME 6 AND 356 – VOLUME 7***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027	BOX 0003 30093199

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N00217 / 000184 NONE CORRESPONDENC E NONE 2	11-18-1999 01-20-1988 NONE 00.0	NAVY	SUBMISSION OF DRAFT SSP, QUALITY ASSURANCE PROJECT PLAN (QAPP), AND SAMPLING PLAN (SP), GROUP II SITES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000190 NONE CORRESPONDENC E NONE 7	11-18-1999 01-22-1988 NONE 00.0	U.S. EPA N. MORGAN NAVFAC - EFA WEST	SUBMISSION OF AND DISTRIBUTION OF GUIDANCE DOCUMENTS (W/OUT ENCLOSURES)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0004	
N00217 / 000173 HLA JOB NO. 2176,122.02 REPORT NONE 78	11-18-1999 01-25-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT WORK PLAN (WP) VOLUME 2B, SAMPLING PLAN - GROUP II SITES, REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS). ***COMMENTS: SEE AR #406 – VOLUME 1, 248 – VOLUME 2A, 213 – VOLUME 2C, 249 – VOLUME 2D, 217 – VOLUME 2E, 1482 – VOLUME 2F, 2391 – VOLUME 2G, 174 – VOLUME 3, 355 – VOLUME 4, 183 – VOLUME 5, 335 – VOLUME 6 AND 356 – VOLUME 7***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0003	
N00217 / 000202 NONE CORRESPONDENC E NONE 2	11-18-1999 01-28-1988 NONE 00.0	U.S. EPA N. MORGAN VARIOUS AGENCIES	SUBMISSION AND DISTRIBUTION OF ENVIRONMENTAL PROTECTION AGENCY (EPA) GUIDANCE DOCUMENT (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0004	
N00217 / 000204 NONE CORRESPONDENC E NONE 3	11-18-1999 01-29-1988 NONE 00.0	CRWQCB L. FELDMAN DTSC R. NOTINI	COMMENTS ON DRAFT SCOPING DOCUMENT FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	

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N00217 / 000205 NONE CORRESPONDENC E NONE 3	11-18-1999 01-29-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	SUMMARY OF INFORMATION GATHERED DURING ONGOING HAZARDOUS RANKING SYSTEM ANALYSIS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000212 NONE CORRESPONDENC E NONE 10	11-18-1999 02-03-1988 NONE 00.0	DHS H. HATAYAMA NAVFAC - EFA WEST C. THOMAS	COMMENTS ON DRAFT SCOPING DOCUMENT FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000209 NONE INFO NONE 2	11-18-1999 02-08-1988 NONE 00.0	NAVY PUBLIC	RELEASE NO. 4 - SAN FRANCISCO DISTRICT ATTORNEY'S OFFICE LAWSUIT AGAINST TRIPLE A MACHINE SHOP FOR ILLEGAL STORAGE AND DISPOSAL OF HAZARDOUS WASTE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000215 EFA WEST SER 1146/HP/RWQCB CORRESPONDENC E NONE 3	11-18-1999 02-09-1988 NONE 00.0	NAVFAC - EFA WEST RWQCB R. JAMES	SUBMISSION OF ANALYTICAL RESULTS OF STORM WATER RUNOFF SAMPLING (W/O ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0004	
N00217 / 000217 HLA JOB NO. 2176,143.02 REPORT NONE 52	11-18-1999 02-12-1988 NONE 00.0	HARDING LAWSON ASSOCIATES F. COOPER NAVFAC - EFA WEST	DRAFT WORK PLAN (WP) VOLUME 2E, AIR SAMPLING PLAN (SP), REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS). ***COMMENTS: SEE AR #406 – VOLUME 1, 248 – VOLUME 2A, 173 – VOLUME 2B, 213 – VOLUME 2C, 249 – VOLUME 2D, 1482 – VOLUME 2F, 2391 – VOLUME 2G, 174 – VOLUME 3, 355 – VOLUME 4, 183 – VOLUME 5, 335 – VOLUME 6 AND 356 – VOLUME 7***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0004	

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N00217 / 000225 NONE REPORT NONE 18	11-18-1999 02-18-1988 NONE 00.0	NAVY	DRAFT ACTION MEMORANDUM (AM), TIME CRITICAL REMOVAL OF ASBESTOS CONTAINING MATERIAL (ACM) [INCLUDES DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR REMOVAL OF SURFACE ASBESTOS CONTAINING MATERIAL (ACM) AS ENCLOSURE 1]	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000226 NONE CORRESPONDENCE NONE 4	11-18-1999 02-24-1988 NONE 00.0	NAVFAC - EFA WEST P. DRENNON U.S. EPA	SUBMISSION OF THE SUMMARY OF THE QA/QC PROGRAM FOR THE REMEDIAL INVESTIGATION	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001		181-07-0027 30093199	BOX 0004
N00217 / 000228 NONE CORRESPONDENCE NONE 3	11-18-1999 02-29-1988 NONE 00.0	CRWQCB R. JAMES NAVFAC - EFA WEST C. GUILD	COMMENTS ON STORM WATER RUNOFF SAMPLES COLLECTED ON 15 JANUARY 1988 AND THE REQUEST ON ANOTHER WATER RUNOFF SAMRLING	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001		181-07-0027 30093199	BOX 0004
N00217 / 002886 NONE REPORT NONE 6	11-18-1999 03-01-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	PROPOSED RECONNAISSANCE ACTIVITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004		181-07-0027 30093199	BOX 0045

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 000230	11-18-1999	HARDING	SCOPING DOCUMENT FOR THE REMEDIAL	ADMIN RECORD	004	FRC - PERRIS	181-07-0027	BOX 0004
2176,121.02	03-03-1988	LAWSON	INVESTIGATIONS/FEASIBILITY STUDIES		005		30093199	
REPORT	NONE	ASSOCIATES	(RI/FS), VOLUME I (SEE AR #231 - VOLUME II)		006	IMAGED		
NONE	00.0	S. FARLEY			007	HPNT_026		
132		NAVFAC - EFA			008			
		WEST			009			
					010			
					011			
					012			
					013			
					014			
					015			
					016			
					017			
					018			
					PARCEL A			
					PARCEL B			
					SITE 00001			
					SITE 00002			
					SITE 00003			
N00217 / 000231	11-18-1999	HARDING	SCOPING DOCUMENT REMEDIAL	ADMIN RECORD	PARCEL A	FRC - PERRIS	181-07-0027	BOX 0004
2176, 121.02	03-03-1988	LAWSON	INVESTIGATION/FEASIBILITY STUDIES		PARCEL B		30093199	
REPORT	NONE	ASSOCIATES	(RI/FS), VOLUME II - APPENDICES A -G (SEE			IMAGED		
NONE	00.0		AR #230 - VOLUME I)			HPNT_026		
191		NAVFAC - EFA						
		WEST						
N00217 / 000232	11-18-1999	HARDING	WORK PLAN/SCOPING DOCUMENT FOR	ADMIN RECORD	PARCEL A	FRC - PERRIS	181-07-0027	BOX 0004
2176.121.02	03-03-1988	LAWSON	THE REMEDIAL		PARCEL B		30093199	
REPORT	NONE	ASSOCIATES	INVESTIGATIONS/FEASIBILITY STUDIES			IMAGED		
NONE	00.0		(RI/FS), VOLUME II - APPENDIX A - G;			HPNT_026		
44		NAVFAC - EFA	ERRATA					
		WEST						

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N00217 / 000233 SWDIV SER 1145/HP/DOHS RESO CORRESPONDENC E NONE 4	11-18-1999 03-03-1988 NONE 00.0	NAVFAC - EFA WEST P. DRENNON DHS D. HOENIG	SUBMISSION OF DRAFT GROUP I, III, AND IV SAMPLING PLANS (SP) AND LOW LEVELS OF OBLIQUE AERIAL PHOTOS (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0004
N00217 / 000238 NONE CORRESPONDENC E NONE 2	11-18-1999 03-03-1988 NONE 00.0	NAVFAC - EFA WEST	SUBMISSION OF DRAFT WORK PLAN VOLUME 2E, AIR SAMPLING PLAN (W/OUT ENCLOSURE) (SEE AR #217 - DRAFT WORK PLAN)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0004
N00217 / 000243 NONE CORRESPONDENC E NONE 3	11-18-1999 03-03-1988 NONE 00.0	NAVFAC - EFA WEST DHS D. HOENIG	SUBMISSION OF RESPONSE TO COMMENTS ON THE SCOPING DOCUMENT, REVISED SCOPING DOCUMENT, VOLUME I, AND SCOPING DOCUMENTS ERRATA SHEET, VOLUME II	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0005
N00217 / 000229 SWDIV SER 1146/HP/DOHS CORRESPONDENC E NONE 20	11-18-1999 03-08-1988 NONE 00.0	NAVFAC - SOUTHWEST DIVISION P. DRENNON DHS D. HOENIG	RESPONSE TO COMMENTS ON THE DRAFT SCOPING DOCUMENT	ADMIN RECORD	004 005 006 007 008 009 011 PARCEL A PARCEL B SITE 00001 SITE 00002 SITE 00003	FRC - PERRIS IMAGED HPNT_026	181-07-0027 30093199	BOX 0004

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N00217 / 000249 HLA JOB NO. 2176,122.02 REPORT NONE 52	09-16-2005 03-09-1988 NONE	HARDING LAWSON AND ASSOCIATES NAVFAC - EFA WEST	DRAFT WORK PLAN (WP) VOLUME 2D, SAMPLING PLAN (SP) - GROUP IV SITES, REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS). ***COMMENTS: SEE AR #4006 - VOLUME 1, 248 - VOLUME 2A, 173 VOLUME 2B, 213 - VOLUME 2C, 217 - VOLUME 2E, 1482 - VOLUME 2F, 2391 - VOLUME 2G, 174 - VOLUME 3, 355 - VOLUME 4, 183 - VOLUME 5, 335 - VOLUME 6 AND 356 - VOLUME 7***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 BOX 0005 30093199		
N00217 / 000255 SER 1146/HP/EPA/LTR CORRESPONDENC E NONE 2	11-18-1999 03-14-1988 NONE 00.0	NAVY P. DRENNON DHS - BERKELEY D. HOENIG	SUBMISSION OF DRAFT ACTION MEMORANDUM (AM), TIME CRITICAL REMOVAL; DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR REMOVAL OF SURFACE; AND DRAFT WORK PLAN FOR CLEAN UP OF ASBESTOS CONTAINING MATERIAL (ACM) [W/OUT ENCLOSURES]. ***COMMENTS: {SEE AR #225 - DRAFT ACTION MEMORANDUM & DRAFT EE/CA AND AR #495 - DRAFT WORK PLAN}***	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000260 NONE CORRESPONDENC E NONE 2	11-18-1999 03-15-1988 NONE 00.0	CRWQCB	CLARIFICATION TO COMMENTS OF FEBRUARY 29, 1988 LETTER FROM RWQCB	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 BOX 0005 30093199		
N00217 / 000261 NONE CORRESPONDENC E NONE 2	11-18-1999 03-18-1988 NONE 00.0	DHS	COMMENTS ON DRAFT SITE SAFETY PLAN FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 BOX 0005 30093199		
N00217 / 000262 NONE CORRESPONDENC E NONE 4	11-18-1999 03-22-1988 NONE 00.0	U.S. EPA	COMMENTS ON QA/QC ANALYTICAL PROGRAM	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 BOX 0005 30093199		

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N00217 / 000268 NONE CORRESPONDENC E NONE 8	11-18-1999 03-25-1988 NONE 00.0	NAVY	SUBMISSION OF PROPOSED RECONNAISSANCE ACTIVITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005	
N00217 / 000273 NONE CORRESPONDENC E NONE 16	11-18-1999 03-29-1988 NONE 00.0	BAAQMD	REQUEST FOR COMPLETION OF SWAT QUESTIONNAIRE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005	
N00217 / 000274 NONE REPORT NONE 41	11-18-1999 03-31-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	HAZARDOUS RANKING SYSTEM PACKAGE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005	
N00217 / 000275 NONE CORRESPONDENC E NONE 1	11-18-1999 03-31-1988 NONE 00.0	DHS	NOTIFICATION OF DEADLINE FOR DRAFT COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005	
N00217 / 000276 NONE CORRESPONDENC E NONE 26	11-18-1999 03-31-1988 NONE 00.0	DHS H. HATAYAMA NAVFAC - EFA WEST K. TUNG	COMMENTS ON DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP) FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0005	
N00217 / 000277 NONE REPORT N62474-86-C-0969 140	11-18-1999 04-01-1988 NONE 00.0	YEI ENGINEERS, INC. NAVFAC - SOUTHWEST DIVISION	UTILITIES TECHNICAL STUDY, PHASE 2, FINAL REPORT - VOLUME V, SANITARY SEWER SYSTEM (SEE AR #616 - VOLUME VI - STORM DRAIN SYSTEM) [MISSING VOLUMES I - IV AND VII - IX OF IX]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0005	

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N00217 / 000278 NONE CORRESPONDENC E NONE 1	11-18-1999 04-06-1988 NONE 00.0	11-18-1999 04-06-1988 NONE 00.0	CRWQCB - OAKLAND R. JAMES NAVFAC - EFA WEST C. GUILD	REQUEST FOR SOLID WASTE ASSESSMENT TEST (SWAT) REPORT FOR THE INDUSTRIAL LANDFILL, THE BURNING DISPOSAL SITE, THE BAY FILL SITE, AND DISPOSAL TRENCH LOCATED NEAR THE CORNER OF 6TH AVENUE AND J STREET	ADMIN RECORD	007 PA-12 PARCEL B SITE 00001 SITE 00002 SITE 00003	CHOICE IMAGING SOLUTIONS SW06022301						
N00217 / 000279 SER 1146KN/HP/EPA CORRESPONDENC E NONE 2	11-18-1999 04-06-1988 NONE 00.0	11-18-1999 04-06-1988 NONE 00.0	NAVY A. DONG U.S. EPA K. KITCHINGHAM	SUBMISSION OF SAMPLING AND CHEMICAL ANALYSIS QA GUIDE FOR THE NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS (NACIP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0005				
N00217 / 000280 NONE REPORT NONE 0	11-18-1999 04-14-1988 NONE 00.0	11-18-1999 04-14-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	FINAL WORK PLAN (WP) VOLUME 5, SITE SAFETY PLAN	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-025						
N00217 / 000286 SER 1146/HP/EPA CORRESPONDENC E NONE 3	11-18-1999 04-15-1988 NONE 00.0	11-18-1999 04-15-1988 NONE 00.0	NAVY C. GUILD EPA J. CLIFFORD	SUBMISSION OF HAZARD RANKING SYSTEM (HRS) AND INITIAL ASSESSMENT STUDY (IAS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0005				
N00217 / 000287 NONE CORRESPONDENC E NONE 2	11-18-1999 04-15-1988 NONE 00.0	11-18-1999 04-15-1988 NONE 00.0	NAVY	SUBMISSION OF FINAL SITE SAFETY PLAN FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005				

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N00217 / 000292 NONE CORRESPONDENC E NONE 4	11-18-1999 04-18-1988 NONE 00.0	11-18-1999 04-18-1988 NONE 00.0	DHS H. HATAYAMA NAVFAC - EFA WEST K. TUNG	COMMENTS ON PROPOSED RECONNAISSANCE ACTIVITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0006
N00217 / 000293 NONE CORRESPONDENC E NONE 2	11-18-1999 04-22-1988 NONE 00.0	11-18-1999 04-22-1988 NONE 00.0	DHS - BERKELEY H. HATAYAMA NAVFAC - EFA WEST K. TUNG	COMMENTS ON DRAFT ACTION MEMORANDUM (AM), ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) WORK PLAN FOR ASBESTOS CONTAINING MATERIAL (ACM) CLEANUP	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 000294 NONE CORRESPONDENC E NONE 8	11-18-1999 04-27-1988 NONE 00.0	11-18-1999 04-27-1988 NONE 00.0	U.S. EPA K. KITCHINGMAN NAVFAC - EFA WEST A. DONG	COMMENTS ON THE DRAFT QUALITY ASSURANCE PROJECT PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0006
N00217 / 000300 SER 1146/HP/UST CORRESPONDENC E NONE 0	11-18-1999 05-02-1988 NONE 00.0	11-18-1999 05-02-1988 NONE 00.0	NAVY W. HARRIS CRWQCB - OAKLAND R. JAMES	SUBMISSION OF DRAFT WORK PLAN, PERFORMANCE OF UNDERGROUND STORAGE TANK (UST) INVESTIGATION (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 000305 DE-AC05-840R2140 REPORT NONE 20	11-18-1999 05-02-1988 NONE 00.0	11-18-1999 05-02-1988 NONE 00.0	HAZWRAP NAVFAC - EFA WEST	FINAL WORK PLAN FOR UNDERGROUND TANK INVESTIGATION: VOLUME I - WORK PLAN (VOLUME I OF IV) [SEE AR #306 - VOLUME II, AR #307 - VOLUME III AND AR #308 - VOLUME IV]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 000306 DE-AC05-840R2140 REPORT NONE 45	11-18-1999 05-02-1988 NONE 00.0	11-18-1999 05-02-1988 NONE 00.0	HAZWRAP NAVFAC - EFA WEST	FINAL WORK PLAN FOR UNDERGROUND TANK INVESTIGATION: VOLUME II - SAMPLING PLAN (VOLUME II OF IV) [SEE AR #305 - VOLUME I, AR #307 - VOLUME III AND AR #308 - VOLUME IV]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		

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N00217 / 000307 DE-AC05-840R2140 REPORT NONE 60	11-18-1999 05-02-1988 NONE 00.0	HAZWRAP NAVFAC - EFA WEST	FINAL WORK PLAN FOR UNDERGROUND TANK INVESTIGATION: VOLUME III - QA/QC PLAN (VOLUME III OF IV) [SEE AR #305 - VOLUME I, AR #306 - VOLUME II AND AR #308 - VOLUME IV]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000308 DE-AC05-840R2140 REPORT NONE 40	11-18-1999 05-02-1988 NONE 00.0	HAZWRAP NAVFAC - EFA WEST	FINAL WORK PLAN FOR UNDERGROUND TANK INVESTIGATION: VOLUME IV - HEALTH AND SAFETY PLAN (VOLUME IV OF IV) [SEE AR #305 - VOLUME I, AR #306 - VOLUME II AND AR #307 - VOLUME III]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000309 NONE CORRESPONDENC E NONE 1	11-18-1999 05-03-1988 NONE 00.0	DHS	COMMENTS ON REVISED SCOPING DOCUMENT	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0006	
N00217 / 000311 NONE CORRESPONDENC E NONE 1	11-18-1999 05-10-1988 NONE 00.0	CRWQCB	AGREEMENT FOR PROCEEDING WITH GROUP II SITES SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0006	
N00217 / 000312 SER 1146/HP/NAT RES CORRESPONDENC E NONE 5	11-18-1999 05-16-1988 NONE 00.0	NAVY W.HARRIS U.S. FISH AND WILDLIFE SERVICE D. PALAWSKI	SUBMISSION OF GROUP I, II, III, AND IV SAMPLING PLAN (SP), ASP, QUALITY ASSURANCE PROJECT PLAN (QAPP), SD	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0006	
N00217 / 000315 NONE CORRESPONDENC E NONE 1	11-18-1999 05-17-1988 NONE 00.0	DHS	EXTENSION FOR SUBMITTAL OF FINAL QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0006	

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N00217 / 000316 NONE CORRESPONDENC E NONE 1	11-18-1999 05-17-1988 NONE 00.0	DHS	APPROVAL OF FINAL SITE SAFETY PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002		181-07-0027 BOX 0006 30093199	
N00217 / 000317 NONE CORRESPONDENC E NONE 15	11-18-1999 05-26-1988 NONE 00.0	BAY AREA AIR QUALITY MGMT DIST S. LUTZ NAVFAC - EFA WEST A. DONG	COMMENTS ON THE UNDERGROUND STORAGE TANK (UST) INVESTIGATION PLANS, THE TIME CRITICAL REMOVAL OF ASBESTOS CONTAINING MATERIALS (ACM) ACTION MEMORANDUM AND PROPOSED RECONNAISSANCE ACTIVITIES MEMORANDUM (SEE COMMENTS). ***COMMENTS: [REGULATION 8-40 AND 11- 2 AS WELL AS PROPOSED CHANGES TO REGULATION 11-2 AND REGULATION 3 ARE ENCLOSED]***	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000318 NONE REPORT NONE 350	11-18-1999 05-27-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	FINAL WORK PLAN (WP) VOLUME 3, QUALITY ASSURANCE PROJECT PLAN (QAPP) [INCLUDES RESPONSE TO COMMENTS]	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-025			
N00217 / 000319 NONE CORRESPONDENC E NONE 30	11-18-1999 05-27-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	NAVY RESPONSE TO DHS COMMENTS ON DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002		181-07-0027 BOX 0006 30093199	
N00217 / 000320 NONE CORRESPONDENC E NONE 5	11-18-1999 05-27-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	NAVY RESPONSE TO EPA COMMENTS ON DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002		181-07-0027 BOX 0006 30093199	

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N00217 / 000322 SWDIV SER 1146/HPA/DOHS CORRESPONDENC E NONE 2	11-18-1999 05-31-1988 NONE 00.0	NAVFAC - EFA WEST C. GUILD DHS D. HOENING	SUBMISSION OF FINAL QUALITY ASSURANCE PROJECT PLAN (QAPP) FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0006	
N00217 / 000335 NONE REPORT NONE 305	11-18-1999 06-01-1988 NONE 00.0	AQUA TERRA NAVFAC - EFA WEST	DRAFT WORK PLAN (WP) VOLUME 6, PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION PLAN (PHEE), REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) (MISSING TABLES 3-46 THROUGH 3- 59). ***COMMENTS: SEE AR #406 – VOLUME 1, 248 – VOLUME 2A, 173 – VOLUME 2B, 213 – VOLUME 2C, 249 – VOLUME 2D, 217 – VOLUME 2E, 1482 – VOLUME 2F, 2391 – VOLUME 2G, 174 – VOLUME 3, 355 – VOLUME 4, 183 – VOLUME 5 AND 356 – VOLUME 7***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0006	
N00217 / 000336 NONE REPORT NONE 117	11-18-1999 06-06-1988 NONE 00.0	HARDING LAWSON ASSOCIATES J. SKALBACK NAVFAC - EFA WEST	DRAFT STORM WATER RUNOFF INVESTIGATION	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0006	
N00217 / 000337 NONE CORRESPONDENC E NONE 2	11-18-1999 06-08-1988 NONE 00.0	NAVFAC - EFA WEST C. GUILD RWQCB R. JAMES	SUBMISSION OF DRAFT STORM WATER RUNOFF INVESTIGATION (W/OUT ENCLOSURE) (SEE AR #336 - DRAFT STORM WATER RUNOFF INVESTIGATION)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000338 NONE CORRESPONDENC E NONE 2	11-18-1999 06-08-1988 NONE 00.0	NAVFAC - EFA WEST C. GUILD DHS D. HOENIG	SUBMISSION OF DRAFT PRELIMINARY PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION PLAN (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0007	

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N00217 / 000346 NONE CORRESPONDENC E NONE 4	11-18-1999 06-09-1988 NONE 00.0	NAVFAC - EFA WEST C. VAUGHT DHS D. HOENIG	NOTIFICATION OF HAZARDOUS WASTE REMOVAL AND SUBMITTAL OF HUNTERS POINT ANNEX QUADRANT MAP AND THE FENCE TO FENCE SURVEY PHASE I STUDY	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000351 NONE CORRESPONDENC E NONE 13	11-18-1999 06-17-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	NAVY RESPONSE TO DHS COMMENTS ON FINAL GROUP II SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000352 NONE CORRESPONDENC E NONE 9	11-18-1999 06-17-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	NAVY RESPONSE TO DHS COMMENTS ON FINAL AIR SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000354 HLA JOB NO. 2176, 129.02 REPORT NONE 66	11-18-1999 06-20-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT WORK PLAN, COMMUNITY RELATIONS PLAN (CRP) (SEE AR #357 - TRANSMITTAL LETTER)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000355 HLA JOB NO. 2176,134.02 REPORT NONE 26	11-18-1999 06-22-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT WORK PLAN VOLUME 4, DATA MANAGEMENT PLAN, REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS). ***COMMENTS: SEE AR #406 – VOLUME 1, 248 – VOLUME 2A, 173 – VOLUME 2B, 213 – VOLUME 2C, 249 – VOLUME 2D, 217 – VOLUME 2E, 1482 – VOLUME 2F, 2391 – VOLUME 2G, 174 – VOLUME 3, 183 – VOLUME 5, 335 – VOLUME 6 AND 356 – VOLUME 7***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0007	

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N00217 / 000356 HLA JOB NO. 2176,132.02 REPORT NONE 48	11-18-1999 06-22-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT WORK PLAN VOLUME 7, FEASIBILITY STUDY PLAN (FS), REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS). ***COMMENTS: SEE AR #406 – VOLUME 1, 248 – VOLUME 2A, 173 – VOLUME 2B, 213 – VOLUME 2C, 249 – VOLUME 2D, 217 – VOLUME 2E, 1482 – VOLUME 2F, 2391 – VOLUME 2G, 174 – VOLUME 3, 355 – VOLUME 4, 183 – VOLUME 5 AND 335 – VOLUME 6***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0007	
N00217 / 000357 NONE CORRESPONDENC E NONE 2	11-18-1999 06-22-1988 NONE 00.0	NAVFAC - EFA WEST C. GUILD RWQCB R. JAMES	SUBMISSION OF DRAFT COMMUNITY RELATIONS PLAN (CRP) FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) (W/OUT ENCLOSURE) (SEE AR #357 - DRAFT CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000374 NONE CORRESPONDENC E NONE 5	11-18-1999 06-24-1988 NONE 00.0	DHS	COMMENTS ON DRAFT AIR SAMPLING PLAN FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0008	
N00217 / 000375 SER 1146GB/HP/OTHR AGCY CORRESPONDENC E NONE 2	11-18-1999 06-24-1988 NONE 00.0	NAVFAC - EFA WEST P.DRENNON NOAA S. CHRISTOPHERSON	SUBMISSION OF DRAFT FEASIBILITY STUDY PLAN FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) (W/OUT ENCLOSURE) [SEE AR #356 - DRAFT WORK PLAN, VOLUME 7 - FEASIBILITY STUDY PLAN]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0008	
N00217 / 000383 NONE CORRESPONDENC E NONE 0	11-18-1999 06-24-1988 NONE 00.0	NAVY	SUBMISSION OF DRAFT DATA MANAGEMENT PLAN FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			

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N00217 / 000391 SER 1146/HP/DOHS CORRESPONDENC E NONE 30	11-18-1999 06-24-1988 NONE 00.0	NAVY P. DRENNON DHS D. HOENIG	NOTIFICATION OF TREATMENT OF SANDBLASTING WASTE PILES AND WORK PLAN (W/ ENCLOSED PROPOSED RESEARCH ON EVALUATION ON CORROSION CONTROL WASTE TREATMENT METHOD DATED 11 MAY 1988)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_023	181-07-0027 30093199	BOX 0008	
N00217 / 000406 HLA JOB NO. 2176,135.02 REPORT NONE 88	11-18-1999 06-28-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT WORK PLAN (WP) VOLUME 1, PROJECT MANAGEMENT PLAN, REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS). ***COMMENTS: SEE AR #248 – VOLUME 2A, 173 – VOLUME 2B, 213 – VOLUME 2C, 249 – VOLUME 2D, 217 – VOLUME 2E, 1482 – VOLUME 2F, 2391 – VOLUME 2G, 174 – VOLUME 3, 355 – VOLUME 4, 183 – VOLUME 5, 335 – VOLUME 6 AND 356 – VOLUME 7***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0008	
N00217 / 000407 NONE CORRESPONDENC E NONE 0	11-18-1999 06-30-1988 NONE 00.0	NAVY	SUBMISSION OF DRAFT PROJECT MANAGEMENT PLAN FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000415 NONE REPORT NONE 0	11-18-1999 07-07-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	FINAL WORK PLAN (WP) VOLUME 2B, SAMPLING PLAN (SP) - GROUP II SITES	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000416 NONE CORRESPONDENC E NONE 7	11-18-1999 07-07-1988 NONE 00.0	NOAA	COMMENTS TO REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0009	

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N00217 / 000417 NONE CORRESPONDENC E NONE 8	11-18-1999 07-08-1988 NONE 00.0	NAVY	RESPONSE TO COMMENTS ON THE COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0009	
N00217 / 000418 NONE CORRESPONDENC E NONE 2	11-18-1999 07-14-1988 NONE 00.0	BAAQMD	COMMENTS ON DRAFT PRELIMINARY PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0009	
N00217 / 000419 NONE CORRESPONDENC E NONE 0	11-18-1999 07-15-1988 NONE 00.0	NAVY	SUBMISSION OF FINAL SAMPLING PLAN (SP) - GROUP II SITES FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000427 NONE CORRESPONDENC E NONE 0	11-18-1999 07-21-1988 NONE 00.0	NAVY	SUBMISSION OF FINAL AIR SAMPLING PLAN FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000435 NONE CORRESPONDENC E NONE 5	11-18-1999 07-21-1988 NONE 00.0	NAVY	SUBMISSION OF REVISED SCHEDULE FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0009	
N00217 / 000443 NONE REPORT NONE 0	11-18-1999 07-22-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	FINAL WORK PLAN (WP) VOLUME 2E, AIR SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			

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N00217 / 000444 NONE CORRESPONDENCE NONE 0	11-18-1999 07-25-1988 NONE 00.0	NAVY	SUBMISSION OF FINAL SCOPING DOCUMENT FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 000495 NONE REPORT NONE 50	11-18-1999 08-09-1988 NONE 00.0	ERM-WEST NAVFAC - EFA WEST	WORK PLAN FOR CLEANUP OF ASBESTOS CONTAINING MATERIALS (ACM). ***COMMENTS: (DOCUMENT WAS SUBMITTED ON 18 FEBRUARY 1988 AND WAS REVISED ON 09 AUGUST 1988)***	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 002811 NONE REPORT NONE 0	11-18-1999 08-09-1988 NONE 00.0	ERM WEST	FINAL WORK PLAN (WP) FOR CLEANUP OF ASBESTOS MATERIALS (ACM)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 3 - 01/03/06		
N00217 / 000470 EFAW SER 1146/BAAQMD CORRESPONDENCE NONE 2	11-18-1999 08-12-1988 NONE 00.0	NAVFAC - EFA WEST L. SMITH BAY AREA AIR QUALITY MGMT DIST T. BRENNEN	APPLICABLE AND RELEVANT OR APPROPRIATE REQUIREMENTS (ARARS) OF SOLID WASTE AIR QUALITY ASSESSMENT TEST (SWAQAT)	ADMIN RECORD	007 PA-12 PARCEL B SITE 00001 SITE 00002 SITE 00003	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 000472 NONE CORRESPONDENCE NONE 2	11-18-1999 08-16-1988 NONE 00.0	NAVY	RESPONSE TO APRIL 6, 1988 LETTER FOR SWAT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 BOX 0010 30093199	
N00217 / 000473 NONE CORRESPONDENCE NONE 4	11-18-1999 08-17-1988 NONE 00.0	DHS	COMMENTS ON FINAL QUALITY ASSURANCE PROJECT PLAN (QAPP) FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 BOX 0010 30093199	

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N00217 / 000474 NONE CORRESPONDENC E NONE 6	11-18-1999 08-17-1988 NONE 00.0	DHS	COMMENTS ON DRAFT SAMPLING PLAN (SP), GROUP IV SITES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0010	
N00217 / 000476 NONE CORRESPONDENC E NONE 19	11-18-1999 08-17-1988 NONE 00.0	DHS	COMMENTS ON DRAFT PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE) OR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0010	
N00217 / 000478 NONE REPORT NONE 0	11-18-1999 08-26-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT SUPPLEMENT TO WORK PLAN (WP) - VOLUME 2E, AIR SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000479 NONE CORRESPONDENC E NONE 0	11-18-1999 09-01-1988 NONE 00.0	NAVY	SUBMISSION OF DRAFT SUPPLEMENT TO AIR SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000496 NONE CORRESPONDENC E NONE 1	11-18-1999 09-15-1988 NONE 00.0	U.S. EPA	COMMENTS ON DRAFT COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0012	
N00217 / 000497 DE-AC05-840R2140 REPORT NONE 20	11-18-1999 09-16-1988 NONE 00.0	HAZWRAP NAVFAC - EFA WEST	PROJECT PLAN FOR UNDERGROUND TANK INVESTIGATION: VOLUME I - WORK PLAN (VOLUME I OF IV) [SEE AR #498 - VOLUME II, AR #499 - VOLUME III AND AR #500 - VOLUME IV]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			

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N00217 / 000511 NONE CORRESPONDENC E NONE 6	11-18-1999 09-30-1988 NONE 00.0	NAVY	SUBMISSION OF ADDENDUM TO PHASE II RECONNAISSANCE ACTIVITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0012	
N00217 / 000519 NONE CORRESPONDENC E NONE 21	11-18-1999 10-04-1988 NONE 00.0	NAVY	SUBMISSION OF RESPONSES TO COMMENTS ON DRAFT PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0012	
N00217 / 000535 NONE CORRESPONDENC E NONE 7	11-18-1999 10-07-1988 NONE 00.0	DHS	COMMENTS ON DRAFT COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0013	
N00217 / 000536 NONE CORRESPONDENC E NONE 3	11-18-1999 10-12-1988 NONE 00.0	USGS - SACRAMENTO NAVFAC - SOUTHWEST DIVISION A. DONG	ASSISTANCE TO STORM WATER SAMPLING PROGRAM	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0013	
N00217 / 000353 NONE REPORT NONE 8	11-18-1999 10-13-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	RESPONSE TO DHS COMMENTS OF SOIL GAS SURVEY, SECOND ADDENDUM TO PROPOSED PHASE II, RECONNAISSANCE ACTIVITIES INCLUDED	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0007	

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N00217 / 002847 NONE REPORT NONE 0	11-18-1999 10-19-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	TANK SAMPLING INVESTIGATION, TANK FARM	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000545 NONE CORRESPONDENC E NONE 0	11-18-1999 10-24-1988 NONE 00.0	BAAQMD	COMMENTS ON DRAFT SUPPLEMENT TO AIR SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000546 NONE CORRESPONDENC E NONE 3	11-18-1999 10-28-1988 NONE 00.0	DHS	COMMENTS ON FINAL AIR SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0013	
N00217 / 000547 NONE CORRESPONDENC E NONE 2	11-18-1999 10-28-1988 NONE 00.0	NAVY VARIOUS AGENCIES	SUBMISSION OF FINAL SUPPLEMENT TO AIR SAMPLING PLAN (SP) (W/O ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0013	
N00217 / 002848 HLA JOB NO. 02176, 159.02 REPORT NONE 28	11-18-1999 11-02-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	BUILDING 123 INVESTIGATION	ADMIN RECORD	010 PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0044	
N00217 / 002850 NONE REPORT NONE 33	11-18-1999 11-03-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	BUILDING 156 INVESTIGATION	ADMIN RECORD	020 PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0044	

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N00217 / 002851 HLA JOB NO. 02176, 163.02 REPORT NONE 33	11-18-1999 11-03-1988 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	PUMP HOUSE - BUILDING 819 INVESTIGATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0044	
N00217 / 000563 NONE CORRESPONDENC E NONE 1	11-18-1999 11-07-1988 NONE 00.0	DHS	EXTENSION OF DEADLINE FOR REVISED FINAL SAMPLING PLAN (SP), GROUP II	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014	
N00217 / 000564 NONE CORRESPONDENC E NONE 1	11-18-1999 11-10-1988 NONE 00.0	DHS	APPROVAL OF SOIL GAS ADDENDUM TO RECONNAISSANCE PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014	
N00217 / 000565 NONE REPORT NONE 0	11-18-1999 11-14-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	REVISIONS TO FINAL QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000566 NONE REPORT NONE 0	11-18-1999 11-15-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	REVISED FINAL WORK PLAN (WP) VOLUME 2B - SAMPLING PLAN (SP) - GROUP II SITES	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000568 NONE CORRESPONDENC E NONE 2	11-18-1999 11-17-1988 NONE 00.0	NAVY	SUBMISSION OF FINAL QUALITY ASSURANCE PROJECT PLAN (QAPP), GROUP II, AND RESPONSES TO COMMENTS P II (W/O ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0014	

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N00217 / 000576 NONE CORRESPONDENC E NONE 13	11-18-1999 11-21-1988 NONE 00.0	NAVY	SUBMISSION OF SURFACE-WATER RUNOFF AND STORM-SEWER DISCHARGES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014	
N00217 / 000591 HLA JOB NO. 2176, 129.02 REPORT NONE 72	11-18-1999 11-30-1988 NONE 00.0	HARDING LAWSON ASSOCIATES T. FOSTER NAVFAC - EFA WEST	FINAL COMMUNITY RELATIONS PLAN (CRP) (SEE AR #600 - TRANSMITTAL LETTER, 746 - REVISED FINAL CRP AND 1401 - ADDENDUM TO THE FINAL CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0015	
N00217 / 000592 NONE CORRESPONDENC E NONE 3	11-18-1999 11-30-1988 NONE 00.0	DHS	CONDITIONAL APPROVAL OF GROUP IV SITES SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0015	
N00217 / 000600 NONE CORRESPONDENC E NONE 3	11-18-1999 11-30-1988 NONE 00.0	NAVFAC - EFA WEST DHS	SUBMISSION OF FINAL COMMUNITY RELATIONS PLAN (CRP) (W/OUT ENCLOSURE) (SEE AR #591 - FINAL CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0017	
N00217 / 000608 NONE CORRESPONDENC E NONE 8	11-18-1999 11-30-1988 NONE 00.0	NAVFAC - SOUTHWEST DIVISION	SUBMISSION OF ERRATA SHEETS TO FINAL AIR SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0017	
N00217 / 000616 NONE REPORT N62474-86-C-0969 75	11-18-1999 12-01-1988 NONE 00.0	YEI ENGINEERS, INC. NAVFAC - EFA WEST	UTILITIES TECHNICAL STUDY, PHASE 2, FINAL REPORT - VOLUME VI, STORM DRAIN SYSTEM (SEE AR #277 - VOLUME V, SANITARY SEWER SYSTEM) [MISSING VOLUMES I - IV AND VII - IX OF IX]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0019	

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N00217 / 000617 NONE CORRESPONDENC E NONE 2	11-18-1999 12-02-1988 NONE 00.0	DHS H. HATAYAMA NAVFAC - EFA WEST	FINAL APPROVAL OF GROUP II SITES SAMPLING PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0019	
N00217 / 000618 NONE CORRESPONDENC E NONE 1	11-18-1999 12-05-1988 NONE 00.0	NAVFAC - EFA WEST P. DRENNON BAY AREA AIR QUALITY DISTRICT T. BRENNON	SOLID WASTE AIR QUALITY ASSESSMENT TEST (SWAQAT) STATUS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0019	
N00217 / 000667 NONE CORRESPONDENC E NONE 2	11-18-1999 12-19-1988 NONE 00.0	NAVFAC - EFA WEST P. DRENNON DTSC D. HOENIG	SUBMISSION OF REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) SCHEDULE, GROUP II SITES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0021	
N00217 / 000675 NONE REPORT NONE 0	11-18-1999 12-22-1988 NONE 00.0	HARDING LAWSON ASSOCIATES	REVISED FINAL WORK PLAN (WP) VOLUME 2D - SAMPLING PLAN (SP) - GROUP IV SITES	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-025			
N00217 / 000676 NONE CORRESPONDENC E NONE 5	11-18-1999 12-23-1988 NONE 00.0	DHS H. HATAYAMA NAVFAC - EFA WEST K. TUNG	DHS COMMENTS ON PROPOSED PUBLIC HELATH AND ENVIRONMENTAL EVALUATION (PHEE) REVISIONS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0021	
N00217 / 000677 NONE CORRESPONDENC E NONE 0	11-18-1999 12-28-1988 NONE 00.0	NAVY	SUBMISSION OF WORK PLAN (WP), VOLUME 2D, SAMPLING PLAN (SP) - GROUP IV	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-025			

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N00217 / 000685 NONE ANALYTICAL DATA NONE 0	11-18-1999 01-02-1989 NONE 00.0	NAVFAC - SOUTHWEST DIVISION	SUBMISSION OF RAW DATA FOR SOLID WASTE AIR QUALITY ASSESSMENT TEST	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 1 - 01/03/06			
N00217 / 000693 NONE CORRESPONDENC E NONE 2	11-18-1999 01-03-1989 NONE 00.0	NAVFAC - EFA WEST P. DRENNON DTSC D. HOENIG	SUBMISSION OF CURRENT SCHEDULE FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS). ***COMMENTS: MISSING SCHEDULE (NOT SUBMITTED TO ADMINISTRATIVE RECORDS)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0023	
N00217 / 000709 NONE CORRESPONDENC E NONE 3	11-18-1999 01-09-1989 NONE 00.0	DHS W. OWEN NAVFAC - EFA WEST C. LEE	DEPARTMENT OF HEALTH SERVICES COMMENTS AND SUGGESTED REVISIONS ON THE DRAFT COMMUNITY RELATIONS PLAN (CRP) 20 DECEMBER 1998 MEETING MINUTES (ORIGINAL MEETING MINUTES WERE NOT SUBMITTED TO THE ADMINISTRATIVE RECORD)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0026	
N00217 / 000720 NONE CORRESPONDENC E NONE 2	11-18-1999 01-10-1989 NONE 00.0	DHS H. HATAYAMA NAVFAC - EFA WEST K. TUNG	FINAL APPROVAL OF AIR SAMPLING PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0026	
N00217 / 000721 NONE CORRESPONDENC E NONE 2	11-18-1999 01-10-1989 NONE 00.0	DHS H. HATAYAMA NAVFAC - EFA WEST K. TUNG	FINAL APPROVAL OF GROUP IV SITES SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0026	
N00217 / 000722 EFAW SER 007/181168 CORRESPONDENC E NONE 13	11-18-1999 01-10-1989 NONE 00.0	NAVFAC - EFA WEST L. SMITH DTSC - BERKELEY D. HOENIG	RESPONSE TO DHS REQUEST DATED 07 DECEMBER 1988 CONCERNING ACTIONS TO INSPECT THE PHYSICAL CONDITION OF THE SEWERS (W/ ENCLOSURES). ***COMMENTS: LETTER DATED 12/7/88 WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS.***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0026	

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N00217 / 000730 EFAW SER 006/1811CL CORRESPONDENC E NONE 10	11-18-1999 01-19-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHILIN VARIOUS AGENCIES	SUBMISSION OF 16 DECEMBER 1988 AND 20 DECEMBER 1988 MEETING SUMMARY [INCLUDES SIGN-IN SHEET, AGENDA, MAILING LIST AND HANDOUT DATED 14 DECEMBER 1988] (W/ ENCLOSURES)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0026
N00217 / 000738 EFAW SER 0912/18110L CORRESPONDENC E NONE 2	11-18-1999 01-19-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHILIN VARIOUS AGENCIES	SUBMISSION OF REVISED FINAL COMMUNITY RELATIONS PLAN (CRP) (W/OUT ENCLOSURE) (SEE AR #746 - REVISED FINAL CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0027
N00217 / 000746 HLA JOB NO. 2176, 129.02 REPORT NONE 73	11-18-1999 01-20-1989 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	REVISED FINAL COMMUNITY RELATIONS PLAN (CRP), REVISION 2 (SEE AR #591 - FINAL CRP AND 1401 - ADDENDUM TO THE FINAL CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0027
N00217 / 000755 NONE CORRESPONDENC E NONE 2	11-18-1999 02-08-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	APPROVAL OF DEADLINE EXTENSION REQUEST FOR THE FINAL PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE) PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0028
N00217 / 000756 NONE CORRESPONDENC E NONE 2	11-18-1999 02-08-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	CONDITIONAL APPROVAL OF FEASIBILITY STUDY PLAN (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0028

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N00217 / 000757 NONE CORRESPONDENC E NONE 2	11-18-1999 02-10-1989 NONE 00.0	11-18-1999 02-10-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	FINAL APPROVAL OF COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0028
N00217 / 000758 NONE CORRESPONDENC E NONE 2	11-18-1999 02-10-1989 NONE 00.0	11-18-1999 02-10-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	CONDITIONAL APPROVAL OF DATA MANAGEMENT STUDY PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0028
N00217 / 000759 NONE CORRESPONDENC E NONE 2	11-18-1999 02-10-1989 NONE 00.0	11-18-1999 02-10-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	FINAL APPROVAL OF PROJECT MANAGEMENT PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0028
N00217 / 000760 SER 1811GB/0025 CORRESPONDENC E NONE 1	11-18-1999 02-13-1989 NONE 00.0	11-18-1999 02-13-1989 NONE 00.0	NAVY L. MICHLIN DHS D. HOENIG	SUBMISSION OF WORK PLAN (WP) SCHEDULES REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0028
N00217 / 000768 NONE REPORT NONE 0	11-18-1999 03-01-1989 NONE 00.0	11-18-1999 03-01-1989 NONE 00.0	HARDING LAWSON ASSOCIATES	WORK PLAN (WP) VOLUME 4 - DATA MANAGEMENT PLAN REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 000769 NONE REPORT NONE 0	11-18-1999 03-01-1989 NONE 00.0	11-18-1999 03-01-1989 NONE 00.0	HARDING LAWSON ASSOCIATES	WORK PLAN (WP) VOLUME 7 - FEASIBILITY STUDY PLAN REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1		

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N00217 / 000770 NONE REPORT NONE 0	11-18-1999 03-01-1989 NONE 00.0	AQUA TERRA	WORK PLAN (WP) VOLUME 6 - PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION PLAN REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 000772 SER 1811GB/0040 CORRESPONDENC E NONE 2	11-18-1999 03-06-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF FINAL DATA MANAGEMENT PLAN (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0028
N00217 / 000780 SER 1811GB/0041 CORRESPONDENC E NONE 2	11-18-1999 03-06-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF FINAL FEASIBILITY STUDY PLAN (FS) (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0028
N00217 / 000788 NONE CORRESPONDENC E NONE 1	11-18-1999 03-08-1989 NONE 00.0	CRWQCB R. MCMURTRY NAVFAC - EFA WEST L. MICHLIN	NAVY'S RESPONSE TO SWAT PROPOSAL REQUEST IS INCOMPLETE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0030
N00217 / 000789 NONE CORRESPONDENC E NONE 2	11-18-1999 03-14-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	FINAL APPROVAL OF FEASIBILITY STUDY PLAN (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0030
N00217 / 000790 NONE CORRESPONDENC E NONE 2	11-18-1999 03-14-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	FINAL APPROVAL OF DATA MANAGEMENT PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0030

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N00217 / 000791 NONE CORRESPONDENC E NONE 2	11-18-1999 03-14-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF FINAL PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION PLAN (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0030	
N00217 / 000816 SER 1811RP/00065 CORRESPONDENC E NONE 21	11-18-1999 04-14-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF ACTION MEMOS (AM) FOR TIME-CRITICAL REMOVAL ACTIONS (RM) (W/O ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 000817 NONE INFO NONE 8	11-18-1999 04-14-1989 NONE 00.0	NAVFAC - EFA WEST PUBLIC INTEREST	RELEASE NO. 11 - COMMUNITY MEETING NOTICE, REMOVAL ACTIONS (RM) FOR TANK S-505, PICKLING AND PLATE YARD, TANK FARM, AND BUILDING 521 POWER PLANT	ADMIN RECORD	006 009 011 PARCEL B SITE 00002	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 000824 NONE CORRESPONDENC E NONE 3	11-18-1999 04-25-1989 NONE 00.0	DOC C. DEMAREST NAVFAC - EFA WEST C. VAUGHT	NOTIFICATION TO PERFORM PRELIMINARY NATURAL RESOURCE SURVEY (PNRS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 000825 NONE REPORT NONE 53	11-18-1999 04-26-1989 NONE 00.0	HARDING LAWSON ASSOCIATES A. BRIEFER NAVFAC - EFA WEST	PRELIMINARY ASSESSMENT (PA) SITES PA- 12 - PA-18	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 002862 NONE REPORT NONE 77	11-18-1999 05-01-1989 NONE 00.0	AQUA TERRA	REPORT OF AIR MONITORING DATA COLLECTED	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0044	

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N00217 / 000826 NONE CORRESPONDENC E NONE 5	11-18-1999 05-04-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	FINAL APPROVAL OF FINAL PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION PLAN (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 000827 NONE CORRESPONDENC E NONE 3	11-18-1999 05-10-1989 NONE 00.0	DHS R. NOTINI NAVFAC - EFA WEST K. TUNG	TIME-CRITICAL REMOVAL ACTIONS (RM) MEMORANDUM (AM) - DATED 14 APRIL 1989	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 000836 SER 1811RP/0090 CORRESPONDENC E NONE 2	11-18-1999 05-24-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF PA - SITES PA-12 - PA-18 (W/OUT ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000844 NONE REPORT NONE 0	11-18-1999 05-26-1989 NONE 00.0	HARDING LAWSON ASSOCIATES	FINAL PROJECT MANAGEMENT PLAN (WORK PLAN VOLUME 1)(WP)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000853 NONE CORRESPONDENC E NONE 0	11-18-1999 06-06-1989 NONE 00.0	NAVY	SUBMISSION OF FINAL PROJECT MANAGEMENT PLAN	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000854 NONE INFO NONE 3	11-18-1999 06-06-1989 NONE 00.0	NAVFAC - EFA WEST PUBLIC INTEREST	RELEASE NO. 12 - EXTEND WRITTEN PUBLIC COMMENT PERIOD FOR REMOVAL ACTIONS (RM), DISPOSAL OF POLYCHLORINATED BIPHENYL (PCB) TRANSFORMERS, COMMUNITY RELATIONS UPDATE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	

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N00217 / 000862 SER 1811RP/00100 CORRESPONDENC E NONE 0	11-18-1999 06-08-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF ADDENDUM TO FINAL PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE) (MISSING ENCLOSURES - ATTACHMENT B LETTERS) (DOCUMENTS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000878 SER 1811RP/00105 CORRESPONDENC E NONE 2	11-18-1999 06-14-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) SCHEDULE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 000886 NONE CORRESPONDENC E NONE 14	11-18-1999 06-15-1989 NONE 00.0	U.S. EPA J. ANDERSON NAVFAC - EFA WEST K. TUNG	COMMENTS ON TIME CRITICAL REMOVAL ACTIONS (RM) LETTER DATED 14 APRIL 1989	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000895 NONE CORRESPONDENC E NONE 1	11-18-1999 07-10-1989 NONE 00.0	U.S. EPA D. WHITE NAVFAC - EFA WEST C. VAUGHT	EPA PROPOSES HUNTERS POINT ANNEX (HPA) TO NATIONAL PRIORITIES LIST (NPL)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000896 NONE CORRESPONDENC E NONE 1	11-18-1999 07-10-1989 NONE 00.0	DHS H. HATAYAMA NAVFAC - EFA WEST	COMMENT ON PLACEMENT OF HUNTERS POINT ANNEX (HPA) ON NATIONAL PRIORITIES LIST (NPL)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000907 NONE INFO NONE 10	11-18-1999 07-13-1989 NONE 00.0	NAVFAC - EFA WEST PUBLIC INTEREST	RELEASE NO. 13 - HUNTER'S POINT ANNEX PROPOSED FOR LISTING ON THE NATIONAL PRIORITIES LIST BY US EPA	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	

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N00217 / 000897 NONE CORRESPONDENC E NONE 3	11-18-1999 07-17-1989 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST K. TUNG	COMMENTS ON PA SITES 12-18 AND CONCURS ON PRIORITY RECOMMENDATIONS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000914 SER 1811RP/00131 CORRESPONDENC E NONE 0	11-18-1999 08-03-1989 NONE 00.0	NAVY L. MICHLIN DHS - BERKELEY H. HATAYAMA	SUBMISSION OF ANALYTICAL RESULTS OF WASTE MATERIALS FOR A006-A074 (METALS ONLY), A096-A117, A121-A126, A127-A174, A175-A213, A216-A219, A220- A222, C002-C004, 2001-2006, UC00-UC20 (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000922 SER 1811RP/00129 CORRESPONDENC E NONE 1	11-18-1999 08-03-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN U.S. EPA J. ANDERSON	MAINTENANCE OF TIME CRITICAL DESIGNATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000930 NONE REPORT NONE 214	11-18-1999 08-04-1989 NONE 00.0	HARDING LAWSON ASSOCIATES C. MILLER NAVFAC - EFA WEST	DRAFT SOLID WASTE AIR QUALITY ASSESSMENT TEST	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 000931 SER 1811RP/0088 CORRESPONDENC E NONE 2	11-18-1999 08-04-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF DRAFTS OF ACTION MEMO (AM), ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), WORK PLAN (WP) FOR SANDBLAST GRIT (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000939 DE-AC05-84-R2140 REPORT NONE 200	11-18-1999 08-07-1989 NONE 00.0	HAZWRAP NAVFAC - EFA WEST	TECHNICAL REPORT, UNDERGROUND TANK INVESTIGATION	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1			

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N00217 / 000935 NONE INFO NONE 3	11-18-1999 08-10-1989 NONE 00.0	NAVFAC - EFA WEST PUBLIC INTEREST	RELEASE NO. 14 - DEMONSTRATION PROJECT ON SANDBLAST PILE TO BE IMPLEMENTED	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0032	
N00217 / 000949 NONE CORRESPONDENC E NONE 1	11-18-1999 08-21-1989 NONE 00.0	NAVY L. MICHLIN DHS - BERKELEY H. HATAYAMA	SUBMISSION OF TECHNICAL REPORT, UNDERGROUND TANK INVESTIGATION (W/OUT ENCLOSURE) [SEE AR #939 - TECHNICAL REPORT, UNDERGROUND TANK INVESTIGATION]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 000957 NONE CORRESPONDENC E NONE 2	11-18-1999 08-22-1989 NONE 00.0	BAQMD S. LUTZ NAVFAC - EFA WEST R. FRIEDMAN	COMMENTS ON SANDBLAST GRIT TREATMENT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000958 NONE CORRESPONDENC E NONE 2	11-18-1999 08-24-1989 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	COMMENTS ON SANDBLAST GRIT TREATMENT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000959 NONE CORRESPONDENC E NONE 14	11-18-1999 08-31-1989 NONE 00.0	NOAA/DOC C. DEMAREST NAVFAC - EFA WEST K. TUNG	PRELIMINARY NATURAL RESOURCE SURVEY, FINDINGS OF FACT	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	
N00217 / 000960 SER 1811RP/00152 CORRESPONDENC E NONE 3	11-18-1999 08-31-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF UPDATED REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) SCHEDULE (W/ ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0032	

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N00217 / 000976 NONE CORRESPONDENC E NONE 6	11-18-1999 09-06-1989 NONE 00.0	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST K. TUNG	COMMENTS ON SANDBLAST GRIT, REMOVAL ACTION (RM)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 000986 NONE CORRESPONDENC E NONE 0	11-18-1999 09-18-1989 NONE 00.0	USEPA - SAN FRANCISCO J. ANDERSON NAVFAC - EFA WEST L. LEW	USEPA COMMENTS ON TECHNICAL REPORT, UNDERGROUND TANK INVESTIGATION	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 003131 SER 00E/2372 REPORT NONE 4	11-18-1999 09-22-1989 NONE 00.0	NAVSTA TREASURE ISLAND K. TUNG NAVFAC - EFA WEST	TIME-CRITICAL REMOVAL OF METAL- CONTAMINATED SANDBLASTING GRIT ACTION MEMORANDUM (AM)	ADMIN RECORD	PARCEL B SITE 00002	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 000987 NONE REPORT NONE 69	11-18-1999 09-26-1989 NONE 00.0	BATTELLE NAVFAC - EFA WEST	WORK PLAN (WP) FOR FIELD TREATMENT DMO AND REMOVAL OF SANDBLAST GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 000988 SER 1811RP/00167 CORRESPONDENC E NONE 3	11-18-1999 10-04-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF WORK PLAN (WP) TREATMENT REMOVAL SANDBLAST GRIT (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 000996 NONE CORRESPONDENC E NONE 9	11-18-1999 10-06-1989 NONE 00.0	DHS - BERKELEY M. MALINOWSKI NAVFAC - EFA WEST L. LEW	DHS COMMENTS ON TECHNICAL REPORT, UNDERGROUND TANK INVESTIGATION	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			

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N00217 / 001032 NONE CORRESPONDENC E NONE 1	11-18-1999 11-27-1989 NONE 00.0	CA DEPT OF HEALTH SERVICES NAVFAC - SOUTHWEST DIVISION	COMMENTS ON SOLID WASTE AIR QUALITY ASSESSMENT TEST	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001041 SER 1811JC/00197 CORRESPONDENC E NONE 145	11-18-1999 11-30-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS M. MALINOWSKI	PLACE NON-HAZARDOUS WASTE AT DERIVED SOILS PLACEMENT AREA - WITH ENCLOSURES 1-3	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0033	
N00217 / 001049 NONE REPORT NONE 64	11-18-1999 12-01-1989 NONE 00.0	HARDING LAWSON ASSOCIATES M. LUCAS NAVFAC - EFA WEST	DRAFT SITE INSPECTION WORK PLAN (SI)(WP) FOR PA-13, PA-15 THRU 18	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001051 DE-AC05-84-R21400 REPORT NONE 300	11-18-1999 12-07-1989 NONE 00.0	IT CORPORATION J. FRESHWATER NAVFAC - EFA WEST	TECHNICAL REPORT - UNDERGROUND TANK INVESTIGATION	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901			
N00217 / 001052 SER 1811JC/00202 CORRESPONDENC E NONE 3	11-18-1999 12-11-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS - BERKELEY H. HATAYAMA	SUBMISSION OF COPIES OF SI WORK PLAN (WP) PA-13, 15, 16, 17, 18; PA PA-12 THRU 18 (W/OUT ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0033	

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N00217 / 001060 SER 1811RP/00195 CORRESPONDENC E NONE 1	11-18-1999 12-11-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) UPDATE DUE WHEN 1990 FUNDING IS AVAILABLE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001068 SER 1811JC/00201 CORRESPONDENC E NONE 3	11-18-1999 12-11-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DTSC - BERKELEY H. HATAYAMA	SUBMISSION OF UPDATED TABLES, ILLUSTRATIONS, APPENDICES A AND B TO WORK PLAN, VOLUME 1, PROJECT MANAGEMENT PLAN FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) [W/OUT ENCLOSURES]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0033	
N00217 / 001076 SER 1811JC/00204 CORRESPONDENC E NONE 3	11-18-1999 12-12-1989 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF FINAL TECHNICAL REPORT - UNDERGROUND TANK INVESTIGATION (W/OUT ENCLOSURES)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0033	
N00217 / 001092 NONE CORRESPONDENC E NONE 2	11-18-1999 12-15-1989 NONE 00.0	U.S. EPA C. FLIPPO HARDING AND LAWSON M. LUCAS	POTENTIAL ARAR'S UNDER STATUTES IMPLEMENTED BY EPA (W/O ENCLOSURES)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0033	
N00217 / 001118 NONE REPORT NONE 228	11-18-1999 01-02-1990 NONE 00.0	HARDING LAWSON ASSOCIATES C. MICHELSEN NAVFAC - EFA WEST	DRAFT 1ST ROUND GROUNDWATER SAMPLING, PRIMARY REMEDIAL INVESTIGATION (RI), BATTERY AND ELECTROPLATING SHOP IR-10	ADMIN RECORD	010 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001119 SER 1811RP/00222 CORRESPONDENC E NONE 5	11-18-1999 01-08-1990 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUMMARY OF 13 DECEMBER 1989 AGENCY MEETING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	

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N00217 / 001127 NONE CORRESPONDENC E NONE 1	11-18-1999 01-09-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST K. TUNG	SANDBLAST GRIT FIXATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001144 NONE CORRESPONDENC E NONE 3	11-18-1999 01-18-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST K. TUNG	DHS COMMENTS WORK PLAN (WP) SITES PA-13, PA-15 THRU PA-18	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001145 SER 1811RP/00232 CORRESPONDENC E NONE 3	11-18-1999 01-22-1990 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	SUBMISSION OF DRAFT REPORTS FOR FIRST ROUND GROUNDWATER SAMPLING, REMEDIAL INVESTIGATION (RI) (W/OUT ENCLOSURES)	ADMIN RECORD	010 PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0033	
N00217 / 001153 NONE CORRESPONDENC E NONE 5	11-18-1999 01-24-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST K. TUNG	COMMENTS ON PRELIMINARY ASSESSMENT (PA)/SITE INVESTIGATION (SI) OF TRIPLE A SITES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001154 NONE REPORT NONE 500	11-18-1999 02-01-1990 NONE 00.0	J. CARVER	DRAFT AIR MODELING AND RISK ASSESSMENT OF AIRBORNE CONTAMINANTS DURING PROPOSED REMOVAL ACTIONS (RA) AT THE TANK FARM AND PICKLING AND PLATE YARD	ADMIN RECORD	006 009 PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901			
N00217 / 002912 NONE REPORT NONE 57	11-18-1999 02-01-1990 NONE 00.0	NAVY NAVFAC - EFA WEST	RESPONSIVENESS SUMMARY FOR HAZARDOUS WASTE REMOVAL ACTIONS	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901			

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N00217 / 001172 NONE INFO NONE 6	11-18-1999 02-23-1990 NONE 00.0	NAVFAC - EFA WEST PUBLIC INTEREST	RELEASE NO. 15: WORK PLANS (WP)/REPOSIVENESS SUMMARY FOR PICKLING/PLATE YARD AND BUILDING 521 POWER PLANT AND OTHER ASBESTOS REMOVAL ACTIONS (RA) AVAILABLE FOR PUBLIC REVIEW	ADMIN RECORD	009 011 BLDG. 521 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001173 SER 1811RP/00248 CORRESPONDENC E NONE 2	11-18-1999 02-26-1990 NONE 00.0	NAVFAC - EFA WEST L. MICHLIN DHS H. HATAYAMA	REQUEST TIME EXTENSION ON: GROUP II, PI; PRELIMINARY ASSESSMENT (PA)/SITE INVESTIGATION (SI), TRIPLE A SITES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001181 NONE CORRESPONDENC E NONE 3	11-18-1999 02-28-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST K. TUNG	COMMENTS ON THE GROUNDWATER SAMPLING REPORTS	ADMIN RECORD	010 011 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001182 NONE CORRESPONDENC E NONE 5	11-18-1999 03-02-1990 NONE 00.0	U.S. EPA J. CLIFORD NAVFAC - EFA WEST C. VAUGHT	NOTICE TO NAVY OF LIABILITY UNDER CERCLA: RELEASE OF POLLUTANTS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001183 NONE CORRESPONDENC E NONE 2	11-18-1999 03-09-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST K. TUNG	COMMENTS ON THE DRAFT GROUNDWATER SAMPLING	ADMIN RECORD	010 011 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	
N00217 / 001184 NONE CORRESPONDENC E NONE 1	11-18-1999 03-09-1990 NONE 00.0	DHS D. WANG NAVFAC - EFA WEST K. TUNG	REQUEST FOR EXTENSION FOR GROUP II, PI AND PRELIMINARY ASSESSMENT (PA)/SITE INSPECTION (SI), TRIPLE A SITES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0033	

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N00217 / 001186 NONE REPORT NONE 57	11-18-1999 03-14-1990 NONE 00.0	HARDING LAWSON ASSOCIATES	SITE INSPECTION WORK PLAN (WP), SITES PA-16/PA-18	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 BOX 0033 30093199
N00217 / 001188 NONE CORRESPONDENC E NONE 6	11-18-1999 03-19-1990 NONE 00.0	NAVY	SUBMISSION OF DRAFT FINAL WORK PLAN (WP) SITES PA16 AND PA18	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 BOX 0033 30093199
N00217 / 001216 NONE CORRESPONDENC E NONE 5	11-18-1999 03-30-1990 NONE 00.0	NAVY	RESPONSE LETTER TO EPA'S PROPOSAL TO NEGOTIATE A FEDERAL FACILITY AGREEMENT (FFA)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 BOX 0034 30093199
N00217 / 001235 NONE REPORT NONE 0	11-18-1999 04-05-1990 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT INTERIM REPORT, PHASE 1, PRIMARY RI TANK FARM	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001244 NONE CORRESPONDENC E NONE 6	11-18-1999 04-06-1990 NONE 00.0	NAVY	SUMMARY OF 21 FEBRUARY 1990 AGENCY MEETING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 BOX 0034 30093199
N00217 / 001252 NONE CORRESPONDENC E NONE 15	11-18-1999 04-06-1990 NONE 00.0	NAVY	SUMMARY OF 02 MARCH 1990 SANDBLAST GRIT FIXATION MEETING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 BOX 0034 30093199

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N00217 / 001260 NONE CORRESPONDENC E NONE 2	11-18-1999 04-09-1990 NONE 00.0	U.S. EPA	RCRA NOTIFIERS AT HPA	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001261 NONE CORRESPONDENC E NONE 0	11-18-1999 04-09-1990 NONE 00.0	NAVY	SUBMISSION OF DRAFT INTERIM REPORT, PHASE 1, PRIMARY RI, TANK FARM (IR-6)	ADMIN RECORD	006 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-001			
N00217 / 001269 NONE CORRESPONDENC E NONE 2	11-18-1999 04-10-1990 NONE 00.0	DHS	APPROVAL OF SITE INVESTIGATION INSPECTION WORK PLAN (SI)(WP), PA-16 AND PA-18	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001270 HLA NO. 02176, 248.02 REPORT NONE 434	11-18-1999 04-16-1990 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT REMOVAL ACTION FOR TANK FARM, VOLUME I - WORK PLAN (SEE AR #1533 - DRAFT ADDENDUM AND AR #1789 - DRAFT ADDENDUM NO. 1). ***COMMENTS: [AS PER EXECUTIVE SUMMARY, THE SECOND VOLUME TO BE PREPARED DURING THE DETAILED DESIGN PHASE, WILL CONSIST OF CONSTRUCTION PLANS AND SPECIFICATIONS. VOLUME II WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS.]***	ADMIN RECORD	006 PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0034	
N00217 / 001279 NONE CORRESPONDENC E NONE 1	11-18-1999 04-18-1990 NONE 00.0	USEPA - SAN FRANCISCO C. FILIPPO NAVFAC - EFA WEST K. TUNG	COMMENTS ON SI WORK PLAN (WP) PA-16 AND PA-18	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	

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N00217 / 001280 NONE CORRESPONDENC E NONE 0	11-18-1999 04-18-1990 NONE 00.0	NAVY	SUBMISSION DRAFT WORK PLAN (WP) TANK FARM (IR-6) REMOVAL ACTION (RM)	ADMIN RECORD	006 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-001			
N00217 / 001288 NONE CORRESPONDENC E NONE 5	11-18-1999 05-01-1990 NONE 00.0	NAVY	SUBMISSION OF REVISED TABLES 4 AND 11, PA SITES 12 THRU 18	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0034
N00217 / 001304 NONE REPORT N62474-88-D-5086 135	11-18-1999 05-29-1990 00031 00.0	PRC ENVIRONMENTAL MANAGEMENT S. WALD NAVFAC - EFA WEST	REMOVAL ACTION PLAN/CLOSURE PLAN	ADMIN RECORD	BASEWIDE PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0034
N00217 / 001305 EFAW SER 1811RP/00367 CORRESPONDENC E NONE 6	11-18-1999 05-30-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DTSC - BERKELEY H. HATAYAMA	SUBMISSION OF SUMMARY APRIL 25, 1990 AGENCY MEETING (W/ ENCLSOURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004		181-07-0027 30093199	BOX 0034
N00217 / 001313 NONE CORRESPONDENC E NONE 0	11-18-1999 05-30-1990 NONE 00.0	NAVY	SUBMISSION OF DRAFT CLOSURE PLAN/REMOVAL ACTION (RM) FOR 23 USTS	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-001			

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N00217 / 001337 NONE CORRESPONDENC E NONE 3	11-18-1999 06-15-1990 NONE 00.0	NAVY	RCRA NOTIFIERS (REV); FENCE-TO-FENCE HAZARDOUS WASTE SURVEY	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001345 NONE CORRESPONDENC E NONE 15	11-18-1999 06-22-1990 NONE 00.0	NAVFAC - SOUTHWEST DIVISION	SUBMISSION OF STORMWATER SAMPLING STATUS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001353 NONE REPORT NONE 24	11-18-1999 06-28-1990 NONE 00.0	BATTELLE	DRAFT WORK PLAN SAMPLING/ANALYSIS OF UNTREATED/TREATED SANDBLASTING GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001354 NONE CORRESPONDENC E NONE 19	11-18-1999 06-28-1990 NONE 00.0	NAVY	SUBMISSION OF RESPONSES 1ST ROUND GROUNDWATER SAMPLING IR 10, 11	ADMIN RECORD	010 011 PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001362 NONE CORRESPONDENC E NONE 3	11-18-1999 07-02-1990 NONE 00.0	NAVY	SUBMISSION OF DRAFT WORK PLAN (WP) SAMPLING/ANALYSIS UNTREATED/TREATED SANDBLAST GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001370 NONE CORRESPONDENC E NONE 0	11-18-1999 07-06-1990 NONE 00.0	U.S. EPA	COMMENTS ON DRAFT CLOSURE PLAN/REMOVAL ACTION (RM) PLAN FOR 23 USTS	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-001			

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N00217 / 001371 NONE CORRESPONDENC E NONE 11	11-18-1999 07-09-1990 NONE 00.0	NAVY	SUBMISSION OF SUMMARY OF TRC FOR 13 JUNE 1990	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001387 NONE INFO NONE 0	11-18-1999 07-20-1990 NONE 00.0	NAVY	RELEASE NO. 17: UNDERGROUND TANK REMOVAL PROGRAM IMPLEMENTATION	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-001			
N00217 / 001388 NONE CORRESPONDENC E NONE 1	11-18-1999 07-30-1990 NONE 00.0	U.S. EPA	COMMENTS DRAFT WORK PLAN (WP) FOR SAMPLING/ANALYSIS TREATED/UNTREATED SANDBLAST GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001389 NONE CORRESPONDENC E NONE 2	11-18-1999 08-03-1990 NONE 00.0	DHS	COMMENTS DRAFT WORK PLAN (WP) FOR SAMPLING/ANALYSIS TREATED/UNTREATED SANDBLAST GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0034	
N00217 / 001390 HLA JOB NO. 02176,250.02 REPORT NONE 140	11-18-1999 08-09-1990 NONE 00.0	HARDING LAWSON ASSOCIATES J. FENTON NAVFAC - SOUTHWEST DIVISION	DRAFT RECONNAISSANCE ACTIVITIES REPORT, REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDIES (FS) VOLUME I, TEXT (SEE AR #1391 AND 1392 - VOLUMES II AND III)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0034	

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N00217 / 001391 HLA JOB NO. 02176,250.02 REPORT NONE 197	11-18-1999 08-09-1990 NONE 00.0	HARDING LAWSON ASSOCIATES J. FENTON NAVFAC - SOUTHWEST DIVISION	DRAFT RECONNAISSANCE ACTIVITIES REPORT, REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDIES (FS), VOLUME II, APPENDICES A-D (SEE AR #1390 AND 1392 - VOLUMES I AND III)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0034
N00217 / 001392 HLA JOB NO. 02176,250.02 REPORT NONE 296	11-18-1999 08-09-1990 NONE 00.0	HARDING LAWSON ASSOCIATES J. FENTON NAVFAC - SOUTHWEST DIVISION	DRAFT RECONNAISSANCE ACTIVITIES REPORT, REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDIES (FS), VOLUME III, APPENDICES E-I (SEE AR #1390 AND 1392 - VOLUMES I AND II)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0034
N00217 / 001401 SER 1811RP/00454 CORRESPONDENC E NONE 6	11-18-1999 08-13-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS M. MALINOWSKI	ADDENDA TO FINAL COMMUNITY RELATIONS PLAN (CRP) (SEE AR #591 - FINAL CRP AND 746 - REVISED FINAL CRP). ***COMMENTS: MISSING ENCLOSURE - RECONNAISSANCE ACTIVITIES REPORT, REMEDIAL INVESTIGATION/FEASIBILITY STUDIES (NOT SUBMITTED TO ADMINISTRATIVE RECORDS)***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0034
N00217 / 001409 NONE CORRESPONDENC E NONE 1	11-18-1999 08-15-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST K. TUNG	U.S. EPA HAS NO COMMENTS ON NAVY'S RESPONSE TO AGENCY COMMENTS ON TWO DRAFT REPORTS FOR THE FIRST ROUND GROUNDWATER SAMPLING, PRIMARY REMEDIAL INVESTIGATION, BATTERY AND ELECTROPLATING SHOP AND POWER PLANT	ADMIN RECORD	010 011 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0034
N00217 / 001410 NONE CORRESPONDENC E NONE 0	11-18-1999 08-15-1990 NONE 00.0	U.S. EPA	DETERMINE IF DRILLING CUTTINGS ARE RCRA HAZARDOUS WASTE: CHROMIUM	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 POSSIBLE COMPLIANCE		

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N00217 / 001411 SER 1811RP/00453 CORRESPONDENC E NONE 2	11-18-1999 08-15-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS H. HATAYAMA	SUBMISSION OF DRAFT RECONNAISSANCE ACTIVITIES REPORT, REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDIES (FS) (W/OUT ENCLOSURE) (SEE AR #1390 THROUGH 1392 - RECONNAISSANCE ACTIVITIES REPORT)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0034	
N00217 / 001419 SER 1811RP/00468 REPORT NONE 76	11-18-1999 08-28-1990 NONE 00.0	AQUA TERRA K. JENNINGS NAVFAC - SOUTHWEST DIVISION	DRAFT ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (SAP) [INCLUDES TRANSMITTAL LETTER BY M. MIGUEL]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001421 SER 1811RP/00468 CORRESPONDENC E NONE 2	11-18-1999 08-29-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL NAVFAC - SOUTHWEST DIVISION	SUBMISSION OF DRAFT AMENDMENT TO WORK PLAN (WP), REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) (SEE AR #1419 - DRAFT ENVIRONMENTAL SAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001429 SER 1811RP/00469 CORRESPONDENC E NONE 7	11-18-1999 08-31-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS H. HATAYAMA	RESPONSE TO COMMENTS ON THE DRAFT WORK PLAN FOR SAMPLING AND ANALYSIS OF UNTREATED/TREATED SANDBLASTING GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001437 EFAW SER 1811RP/00504 REPORT NONE 150	11-18-1999 09-01-1990 NONE 00.0	NAVFAC - EFA WEST VARIOUS AGENCIES	FEDERAL FACILITY AGREEMENT (FFA) (INCLUDES EFAW TRANSMITTAL LETTER BY M. MIGUEL)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 12 SW051215-02			
N00217 / 001438 SER 1811RP/00475 CORRESPONDENC E NONE 11	11-18-1999 09-05-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS H. HATAYAMA	SUBMISSION OF SUMMARY OF 15 AUGUST 1990 TECHNICAL REVIEW COMMITTEE (TRC) MEETING (W/ ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	

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N00217 / 001454 NONE REPORT NONE 0	11-18-1999 09-07-1990 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT WORK PLAN (WP) VOLUME 1, PROJECT MANAGEMENT PLAN - UPDATE	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-023			
N00217 / 001455 NONE REPORT NONE 0	11-18-1999 09-07-1990 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) PLANNING AND IMPLEMENTATION - PROJECT MANAGEMENT WORK PLAN (WP) - CLEAN CONTRACT	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 001464 NONE REPORT N62474-88-D-5086 171	11-18-1999 09-12-1990 00031 00.0	PRC ENVIRONMENTAL MANAGEMENT S. WALD NAVFAC - EFA WEST	DRAFT REMOVAL ACTION PLAN/CLOSURE PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001465 SER 1811JC/00486 AND HLA JOB NO. 02176, 248.02 REPORT NONE 459	11-18-1999 09-13-1990 NONE 00.0	HARDING LAWSON ASSOCIATES M. LUCAS NAVFAC - EFA WEST	REMOVAL ACTION FOR TANK FARM , VOLUME I - WORK PLAN (INCLUDES EFAW TRANSMITTAL LETTER BY M. MIGUEL). ***COMMENTS: [AS PER EXECUTIVE SUMMARY, A SECOND VOLUME WILL BE PREPARED WHICH WILL INCLUDE THE DETAILED DESIGN AND CONSTRUCTION PLANS AND SPECIFICATION. VOLUME II WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS]***	ADMIN RECORD	006 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001466 NONE CORRESPONDENC E NONE 0	11-18-1999 09-13-1990 NONE 00.0	NAVY	SUBMISSION OF UPDATED PROJECT MANAGEMENT PLAN	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			

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N00217 / 001474 SER 1811JC/00482 CORRESPONDENC E NONE 2	11-18-1999 09-13-1990 NONE 00.0	NAVY M. MIGUEL DTSC H. HATAYAMA	SUBMISSION OF REVISED DRAFT CLOSURE PLAN/REMOVAL ACTION FOR 23 USTS (W/OUT ENCLOSURE). ***COMMENTS: DOCUMENT WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS.***	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 001483 NONE CORRESPONDENC E NONE 1	11-18-1999 09-18-1990 NONE 00.0	BAAQMD S. LUTZ NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE AIR MODELING AT THE TANK FARM AND PICKLING AND PLATE YARD	ADMIN RECORD	006 009 PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035
N00217 / 001484 NONE CORRESPONDENC E NONE 1	11-18-1999 09-18-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	RECEIPT OF COMMENTS TO ADDENDA TO FINAL COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035
N00217 / 001485 SER 1811JC/00486 CORRESPONDENC E NONE 3	11-18-1999 09-18-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS H. HATAYAMA	SUBMISSION OF WORK PLAN (WP) FOR REMOVAL ACTION (RM) AT TANK FARM (W/OUT ENCLOSURE)	ADMIN RECORD	006 PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035
N00217 / 001501 NONE CORRESPONDENC E NONE 1	11-18-1999 09-21-1990 NONE 00.0	SFDPH W. LEE NAVFAC - EFA WEST L. LEW	COMMENTS ON THE AIR MODELING AND RISK ASSESSMENT OF AIRBORNE CONTAMINANTS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035
N00217 / 001502 NONE CORRESPONDENC E NONE 1	11-18-1999 09-27-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	COMMENTS ON THE AIR MODELING AND RISK ASSESSMENTS OF AIRBORNE CONTAMINANTS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035

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N00217 / 001503 NONE CORRESPONDENC E NONE 2	11-18-1999 09-28-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST L. LEW	NO COMMENTS ON THE AIR MODELING AND RISK ASSESSMENTS OF AIRBORNE CONTAMINANTS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001513 NONE CORRESPONDENC E NONE 1	11-18-1999 10-11-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST R. POWELL	EXTEND COMMENT PERIOD ON ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN TO 14 NOVEMBER 1990	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001523 SER 1811RP/00504 CORRESPONDENC E NONE 2	11-18-1999 10-12-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL RWQCB S. RICHIE	SUBMISSION OF FEDERAL FACILITY AGREEMENT (FFA) (W/OUT ENCLOSURE) (SEE AR #2317 - FFA)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001531 NONE REPORT NONE 47	11-18-1999 10-15-1990 NONE 00.0	BATTELLE	BENCHSCALE TREATABILITY TEST (TS) PLAN/RECYCLE SANDBLASTNG GRIT TO ASPHALT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0035	
N00217 / 001532 NONE REPORT N62474-88-D-5086 152	11-18-1999 10-15-1990 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT B. KING HARDING LAWSON ASSOCIATES	DRAFT BACKGROUND SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	

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N00217 / 001533 HLA JOB NO. 92176, 312.02 REPORT NONE 30	11-18-1999 10-16-1990 NONE 00.0	11-18-1999 10-16-1990 NONE 00.0	HARDING LAWSON ASSOCIATES C. DAHL NAVFAC - EFA WEST	ADDENDUM TO REMOVAL ACTION (RM) TANK FARM, VOLUME 1 - WORK PLAN, ASBESTOS ABATEMENT WORK PLAN (SEE AR #1270 - DRAFT REMOVAL ACTION FOR TANK FARM AND AR #1789 - DRAFT ADDENDUM NO. 1)	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 001535 NONE CORRESPONDENC E NONE 3	11-18-1999 10-17-1990 NONE 00.0	11-18-1999 10-17-1990 NONE 00.0	NAVY	DRAFT BENCHSCALE TREATABILITY TEST (TS) PLAN RECYCLE SANDBLAST GRIT TO ASPHALT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0035
N00217 / 001543 HLA JOB NO. 2176, 252.02 REPORT NONE 145	11-18-1999 10-19-1990 NONE 00.0	11-18-1999 10-19-1990 NONE 00.0	HARDING LAWSON ASSOCIATES M. LUCAS NAVFAC - EFA WEST	PRELIMINARY ASSESSMENT (PA) OTHER AREAS/UTILITIES, VOLUME I: TEXT (SEE AR #1544 - VOLUME II)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035
N00217 / 001544 HLA JOB NO. 2176, 252.02 REPORT NONE 199	11-18-1999 10-19-1990 NONE 00.0	11-18-1999 10-19-1990 NONE 00.0	HARDING LAWSON ASSOCIATES M. LUCAS NAVFAC - EFA WEST	PRELIMINARY ASSESSMENT (PA) OTHER AREAS/UTILITIES, VOLUME 2: APPENDICES (SEE AR #1543 - VOLUME I)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035
N00217 / 001545 NONE CORRESPONDENC E NONE 3	11-18-1999 10-19-1990 NONE 00.0	11-18-1999 10-19-1990 NONE 00.0	NAVY	SUBMISSION OF DRAFT PRELIMINARY ASSESSMENT (PA) - OTHER AREAS/UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0035

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N00217 / 001563 SER 1811JC/00516 CORRESPONDENC E NONE 3	11-18-1999 10-24-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS H. HATAYAMA	SUBMISSION OF DRAFT BACKGROUND SAMPLING PLAN (SP) FOR REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) (W/OUT ENCLOSURE) (SEE AR #1532 - DRAFT BACKGROUND SAMPLING PLAN)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	
N00217 / 001572 NONE CORRESPONDENC E NONE 4	11-18-1999 10-30-1990 NONE 00.0	USEPA - SAN FRANCISCO C. FLIPPO NAVFAC - EFA WEST L. LEW	EPA COMMENTS ON DRAFT REMOVAL ACTION PLAN/CLOSURE PLAN FOR UNDERGROUND STORAGE TANKS (UST)	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 001573 NONE CORRESPONDENC E NONE 2	11-18-1999 10-30-1990 NONE 00.0	DHS - BERKELEY D. COX NAVFAC - EFA WEST E. SARMIENTO	APPROVAL OF VOLUME 1 - FINAL WORK PLAN REMOVAL ACTION FOR TANK FARM. ***COMMENTS: (THE ADDENDUM [SEE AR #1657] THAT WILL CONSTITUTE THE FINAL REMOVAL ACTION WORK PLAN FOR THE TANK FARM IS MISSING)***	ADMIN RECORD	006 PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 001574 NONE CORRESPONDENC E NONE 2	11-18-1999 10-31-1990 NONE 00.0	DHS - BERKELEY M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	REQUEST FOR A SOIL TREATMENT PROGRAM TO EVALUATE AND INITIATE TREATMENT OF CONTAMINATED SOILS GENERATED DURING CLEANUP ACTIVITIES	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 001575 NONE CORRESPONDENC E NONE 2	11-18-1999 11-01-1990 NONE 00.0	USEPA - SAN FRANCISCO C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	EPA COMMENTS ON DRAFT FINAL WORK PLAN FOR REMOVAL ACTION AT THE TANK FARM	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301			
N00217 / 001576 NONE CORRESPONDENC E NONE 17	11-18-1999 11-01-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	COMMENTS ON THE DRAFT ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (SAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035	

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N00217 / 001585 EFAW SER 1811JC/00526 CORRESPONDENC E NONE 6	11-18-1999 11-08-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS - BERKELEY M. MALINOWSKI	PROPOSED USE OF PENETONE POWER CLEANER 155 AS AN ALTERNATIVE SOLVENT TO KEROSENE FOR THE DECONTAMINATION PROCEDURES OF TANK S-505 (W/ ENCLOSURES)	ADMIN RECORD	PARCEL B TANK S-505	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 001593 SER 1811RP/00522 CORRESPONDENC E NONE 20	11-18-1999 11-09-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS M. MALINOWSKI	SUBMISSION OF 24 OCTOBER 1990 SUMMARY TECHNICAL REVIEW COMMITTEE (TRC) MEETING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035
N00217 / 001601 NONE CORRESPONDENC E NONE 11	11-18-1999 11-16-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT ENVIRONMENTAL SAMPLING AND ANALYSIS (SAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0035
N00217 / 001602 NONE CORRESPONDENC E NONE 1	11-18-1999 11-16-1990 NONE 00.0	U.S. EPA	BENCHSCALE TREATABILITY TEST PLAN/RECYCLE SANDBLAST GRIT INTO ASPHALT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0035
N00217 / 001603 SER 1811JC/00531 CORRESPONDENC E NONE 1	11-18-1999 11-16-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS M. MALINOWSKI	COMMENTS ON THE AIR SAMPLING FOR VOLUME 2E WORK PLAN, SCHEDULED FOR DECEMBER 1990	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0035

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N00217 / 001619 NONE CORRESPONDENC E NONE 22	11-18-1999 11-23-1990 NONE 00.0	USEPA - SAN FRANCISCO C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON DRAFT ADDENDUM TO REMOVAL ACTION WORK PLAN FOR TANK S-505 AND DRAFT ADDENDUM TO REMOVAL ACTION WORK PLAN FOR TANK FARM	ADMIN RECORD	006 PARCEL B TANK S-505	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 001620 NONE CORRESPONDENC E NONE 7	11-18-1999 11-23-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	COMMENTS ON THE RECONNAISSANCE ACTIVITIES REPORT	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035
N00217 / 001622 SER 1811JC/00540 CORRESPONDENC E NONE 11	11-18-1999 11-27-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS M. MALINOWSKI	SUBMISSION OF 07 NOVEMBER 1990 MEETING MINUTES BETWEEN THE NAVY, ENVIRONMENTAL PROTECTION AGENCY, AND DEPARTMENT OF HEALTH SERVICES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035
N00217 / 001630 NONE CORRESPONDENC E NONE 9	11-18-1999 11-28-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE PRELIMINARY ASSESSMENT: OTHER AREAS/UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035
N00217 / 001631 SER 1811RC/00544 CORRESPONDENC E NONE 3	11-18-1999 11-28-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS M. MALINOWSKI	SUBMISSION OF DRAFT TIDAL INFLUENCE MONITORING PLAN FOR GROUP II SITES (SEPTEMBER 1990) (DOCUMENT WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0035
N00217 / 001632 SER 1811RC/00539 CORRESPONDENC E NONE 21	11-18-1999 11-28-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS M. MALINOWSKI	RESULTS WELL SURVEY/PILOT TIDAL INFLUENCE STUDY PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0036

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N00217 / 001640 SER 1811RC/00544 CORRESPONDENC E NONE 16	11-18-1999 11-28-1990 NONE 00.0	NAVY M. MIGUEL DHS M. MALINOWSKI	SUBMISSION OF DRAFT AQUIFER TESTING/TIDAL INFLUENCE MONITORING PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 000002 NONE CORRESPONDENC E NONE 2	11-18-1999 11-29-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - SOUTHWEST DIVISION	COMMENTS ON THE BENCHSCALE TEST PLAN FOR RECYLING SANDBLASTING GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 001655 EFAW SER 1811JC/00547 REPORT N62474-88-D-5086 150	11-18-1999 12-03-1990 00031 00.0	PRC ENVIRONMENTAL MANAGEMENT S. WALD NAVFAC - EFA WEST	DRAFT FINAL REMOVAL ACTION PLAN/CLOSURE PLAN (INCLUDES EFAW TRANSMITTAL LETTER BY M. MIGUEL) [SEE AR #1896 - ATTACHMENT 1]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 001656 NONE CORRESPONDENC E NONE 4	11-18-1999 12-03-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON DRAFT PRELIMINARY ASSESSMENT (PA): OTHER AREAS/UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001657 EFAW SER 1811JC/00545 CORRESPONDENC E NONE 2	11-18-1999 12-04-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL USEPA - SAN FRANCISCO C. FLIPPO	SUBMISSION OF ADDENDUM TO DRAFT FINAL REMOVAL ACTION PLAN FOR THE TANK FARM (W/OUT ENCLOSURE). ***COMMENTS: [THIS MISSING ADDENDUM, WHEN APPROVED, WILL CONSTITUTE THE FINAL REMOVAL ACTION WORK PLAN FOR THE TANK FARM]***	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			

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N00217 / 001665 NONE CORRESPONDENC E NONE 1	11-18-1999 12-06-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST R. POWELL	APPROVAL EXTEND COMMENT PERIOD ON DRAFT BACKGROUND SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001666 NONE REPORT NONE 61	11-18-1999 12-06-1990 NONE 00.0	HARDING LAWSON ASSOCIATES C. MICHELSEN NAVFAC - EFA WEST J. CARVER	DRAFT SUMMARIES 1ST GROUNDWATER SAMPLING	ADMIN RECORD	006 008 009 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001667 SER 1811RP/00553 CORRESPONDENC E NONE 4	11-18-1999 12-06-1990 NONE 00.0	NAVY M. MIGUEL U.S. EPA C. FLIPPO	FORWARDING PUBLIC COMMENT LETTERS (2) TO U.S. EPA	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001675 SER 1811RP/00548 CORRESPONDENC E NONE 2	11-18-1999 12-06-1990 NONE 00.0	NAVY M. MIGUEL U.S. EPA C. FLIPPO	EXTEND RESPONSE PERIOD FOR ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) FOR 30 DAYS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001683 NONE CORRESPONDENC E NONE 0	11-18-1999 12-06-1990 NONE 00.0	NAVY	FORWARD OF PUBLIC COMMENT LETTERS (2) (RWQCB AND SIERRA CLUB)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 001691 NONE CORRESPONDENC E NONE 0	11-18-1999 12-06-1990 NONE 00.0	NAVY	EXTENDING RESPONSE PERIOD ON ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) 30 DAYS	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			

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N00217 / 001743 NONE CORRESPONDENC E NONE 9	11-18-1999 12-12-1990 NONE 00.0	NAVFAC - SOUTHWEST DIVISION MIGUEL, M. VARIOUS AGENCIES	REVISED PROJECT SCHEDULES (ORIGINAL PROJECT SCHEDULE WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORD)	ADMIN RECORD	OU 0003 OU 0004 PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0036	
N00217 / 001752 NONE CORRESPONDENC E NONE 1	11-18-1999 12-13-1990 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	U.S. EPA APPROVES NAVY REQUEST FOR 60 DAY EXTENSION FOR PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION (PHEE) PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001761 SER 1811RC/00566 CORRESPONDENC E NONE 3	11-18-1999 12-14-1990 NONE 00.0	NAVY M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF RESPONSES TO COMMENTS ON THE DRAFT BENCHSCALE TREATABILITY TEST PLAN (W/O ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001769 NONE CORRESPONDENC E NONE 5	11-18-1999 12-18-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE DEPARTMENT OF HEALTH SERVICES (DHS) ACTION ITEMS - DRAFT PRELIMINARY ASSESSMENT (P/A), OTHER AREAS/UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001771 NONE CORRESPONDENC E NONE 8	11-18-1999 12-20-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE 1ST ROUND GROUNDWATER SAMPLING	ADMIN RECORD	006 008 009 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001780 SER 1811RP/00563 CORRESPONDENC E NONE 2	11-18-1999 12-21-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	EXTEND COMMENT PERIOD FOR ENVIRONMENTAL SAMPLING/ANALYSIS AND BACKGROUND SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	

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N00217 / 001788 NONE REPORT NONE 0	11-18-1999 01-01-1991 NONE 00.0	BATTELLE	CHARACTERIZATION UNTREATED/TREATED SANDBLAST GRIT: SUPPLEMENTAL SAMPLING/ANALYSIS	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-001			
N00217 / 001789 HLA JOB NO. 02176, 312.02 REPORT NONE 0	11-18-1999 01-02-1991 NONE 00.0	HARDING LAWSON ASSOCIATES C. DAHL NAVFAC - EFA WEST	DRAFT ADDENDUM NO. 1 TO REMOVAL ACTION FOR TANK FARM, VOLUME 1 - WORK PLAN, ASBESTOS ABATEMENT WORK PLAN (SEE AR #1270 - DRAFT REMOVAL ACTION FOR TANK FARM AND AR #1533 - DRAFT ADDENDUM)	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 001790 SER 1811RP/00580 CORRESPONDENC E NONE 13	11-18-1999 01-02-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	RESPONSE TO COMMENTS ON THE INTERIM REPORTS	ADMIN RECORD	006 008 009 PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 BOX 0036 30093199	
N00217 / 001798 SER 1811RP/00579 CORRESPONDENC E NONE 11	11-18-1999 01-04-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF 14 AND 20 DECEMBER 1990 DRAFT MEETING MINUTES (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 BOX 0036 30093199	
N00217 / 001814 NONE CORRESPONDENC E NONE 5	11-18-1999 01-09-1991 NONE 00.0	U.S. EPA	COMMENTS ON FOUR DOC'S INCLUDING TIDAL INFLUENCE MONITORING PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 BOX 0036 30093199	

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N00217 / 001824 EFAW SER 1811JC/00570 CORRESPONDENC E NONE 2	11-18-1999 01-09-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS - BERKELEY M. MALINOWSKI	SUBMISSION OF DRAFT FINAL ADDENDUM TO THE REMOVAL ACTION WORK PLAN FOR THE TANK FARM (W/OUT ENCLOSURE) [SEE AR #1789 - DRAFT ADDENDUM NO. 1 TO REMOVAL ACTION FOR TANK FARM]	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302				
N00217 / 001832 NONE CORRESPONDENC E NONE 0	11-18-1999 01-09-1991 NONE 00.0	NAVY	APPENDIX G - DRAFT AIR MODEL RISK ASSESSMENT (RA) TANK FARM PICKLING PLATE YARD	ADMIN RECORD	009 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED				
N00217 / 001840 NONE CORRESPONDENC E NONE 4	11-18-1999 01-14-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE PRELIMINARY ASSESSMENT: OTHER AREAS/UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036		
N00217 / 001841 NONE CORRESPONDENC E NONE 8	11-18-1999 01-15-1991 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE TIDAL INFLUENCE MONITORING PLAN (TIMP) AND AQUIFER TESTING (MISSING COMMENTS FROM RWQCB; DOCUMENT WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036		
N00217 / 001842 NONE CORRESPONDENC E NONE 5	11-18-1999 01-17-1991 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE PRELIMINARY ASSESSMENT, OTHER AREAS/UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036		

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N00217 / 001843 SER 1811RP/00584 CORRESPONDENC E NONE 11	11-18-1999 01-18-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	RESPONSE TO COMMENTS ON THE RECONNAISSANCE ACTIVITIES REPORT	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001852 SER 1811RP/00593 CORRESPONDENC E NONE 2	11-18-1999 01-22-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	NAVY REQUEST TO EXTEND ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) DUE DATE 45 DAYS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001860 NONE REPORT DLA900-83-C-1744 101	11-18-1999 01-25-1991 NONE 00.0	BATTELLE J. MEANS NAVFAC - EFA WEST	CHEMICAL STABILIZATION OF METAL CONTAMINATED SANDBLAST GRIT, VOLUME 1 (SEE AR #1861 - VOLUME 2 AND 1862 - VOLUME 3)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001861 NONE REPORT NONE 97	11-18-1999 01-25-1991 NONE 00.0	BATTELLE J. MEANS NAVFAC - EFA WEST	CHEMICAL STABILIZATION OF METAL CONTAMINATED SANDBLAST GRIT, VOLUME 2 (SEE AR #1860 - VOLUME 1 AND 1862 - VOLUME 3)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001862 NONE REPORT NONE 204	11-18-1999 01-25-1991 NONE 00.0	BATTELLE J. MEANS NAVFAC - EFA WEST	CHEMICAL STABILIZATION OF METAL CONTAMINATED SANDBLAST GRIT, VOLUME 3 (SEE AR #1860 - VOLUME 1 AND 1861 - VOLUME 2)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001863 SER 1811RP/00599 CORRESPONDENC E NONE 18	11-18-1999 01-31-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS M. MALINOWSKI	10 JANUARY 1991 REMEDIAL PROJECT MANAGERS' (RPM) MEETING MINUTES [INCLUDES SUMMARY OF TECHNICAL REVIEW COMMITTEE (TRC) MEETING MINUTES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	

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N00217 / 001871 NONE CORRESPONDENC E NONE 1	11-18-1999 02-07-1991 NONE 00.0	USEPA - SAN FRANCISCO C. FLIPPO NAVFAC - EFA WEST L. LEW	EPA APPROVAL OF DRAFT FINAL REMEDIAL ACTION PLAN/CLOSURE PLAN FOR 23 UNDERGROUND STORAGE TANKS (UST)	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 001872 SER 1811RC/0064 CORRESPONDENC E NONE 1	11-18-1999 02-07-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	COMMENTS ON THE PRELIMINARY ASSESSMENT, OTHER AREAS AND UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 30093199	BOX 0036
N00217 / 001888 NONE CORRESPONDENC E NONE 0	11-18-1999 02-08-1991 NONE 00.0	NAVY	ADDENDUM TO WORK PLAN (WP), VOLUME 6, BASELINE PUBLIC HEALTH/ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-023			
N00217 / 001896 EFAW SER 1811JC/00610 REPORT NONE 7	11-18-1999 02-11-1991 00031 00.0	PRC ENVIRONMENTAL MANAGEMENT S. WALD NAVFAC - EFA WEST	DRAFT FINAL REMOVAL ACTION PLAN/CLOSURE PLAN, ATTACHMENT 1 (RESPONSE TO COMMENTS) [SEE AR #1655 - DRAFT FINAL REMOVAL ACTION PLAN/CLOSURE PLAN] {INCLUDES EFAW TRANSMITTAL LETTER BY M. MIGUEL}. ***COMMENTS: {ATTACHMENT 1, IN CONJUNCTION WITH THE EXISTING PLAN, CONSTITUTES THE FINAL REMOVAL ACTION PLAN/CLOSURE PLAN FOR THE 23 UNDERGROUND STORAGE TANKS (UST)}***	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 001897 NONE CORRESPONDENC E NONE 1	11-18-1999 02-11-1991 NONE 00.0	USEPA - SAN FRANCISCO C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	EPA REVIEW AND APPROVAL OF ADDENDUM NO. 1 TO REMOVAL ACTION FOR TANK FARM, VOLUME 1 - WORK PLAN, ASBESTOS ABATEMENT WORK PLAN	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			

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N00217 / 001898 NONE CORRESPONDENC E NONE 1	11-18-1999 02-12-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	APPROVAL OF 45 DAY EXTENSION FOR DRAFT FINAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001899 NONE CORRESPONDENC E NONE 5	11-18-1999 02-12-1991 NONE 00.0	USEPA - SAN FRANCISCO C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	EPA COMMENTS ON THE REMOVAL ACTION WORK PLAN FOR TANK S-505, VOLUME 2 - CONSTRUCTION PLANS AND SPECIFICATIONS. ***COMMENTS: (VOLUME 2 WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS. VOLUME 1 WAS ENTERED IN AR #1420)***	ADMIN RECORD	PARCEL B TANK S-505	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 001900 NONE CORRESPONDENC E NONE 1	11-18-1999 02-12-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	ACCEPTANCE OF NAVY'S EXTENSION ON PRELIMINARY ASSESSMENT: OTHER AREAS AND UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001901 SER 1811RP/00606 CORRESPONDENC E NONE 7	11-18-1999 02-12-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF 28 JANUARY 1991 REMEDIAL PROJECT MANAGERS' (RPM) MEETING MINUTES (W/ ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001909 NONE CORRESPONDENC E NONE 2	11-18-1999 02-20-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST R. POWELL	SUBMISSION OF SPLIT SAMPLING PLAN AND HEALTH AND SAFETY PLAN (HASP) (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	

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N00217 / 001910 EFAW SER 1811JC/00610 CORRESPONDENC E NONE 0	11-18-1999 02-20-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	SUBMISSION OF ATTACHMENT 1, RESPONSE TO COMMENTS ON THE DRAFT FINAL REMOVAL ACTION PLAN/CLOSURE PLAN FOR 23 UNDERGROUND STORAGE TANKS (UST) [W/OUT ENCLOSURE]. ***COMMENTS: AR #1910 IS A DUPLICATE OF TRANSMITTAL LETTER IN AR #1896; AR #1910 WILL BE DELETED FROM THE DATABASE***	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 3 - 01/03/06			
N00217 / 001918 NONE CORRESPONDENC E NONE 6	11-18-1999 02-22-1991 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE PRELIMINARY PATHWAYS FOR GROUP 2 SITES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 BOX 0036 30093199	
N00217 / 001919 SER 1811JC/00616 CORRESPONDENC E NONE 7	11-18-1999 02-22-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	RESPONSE TO COMMENTS ON DRAFT BACKGROUND SAMPLING PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 BOX 0036 30093199	
N00217 / 001927 NONE CORRESPONDENC E NONE 2	11-18-1999 02-26-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	COMMENTS ON THE POTENTIAL EXPOSURE PATHWAYS FOR PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE) REPORT	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 BOX 0036 30093199	
N00217 / 001928 NONE REPORT NONE 41	11-18-1999 03-04-1991 NONE 00.0	AQUA TERRA R. BLOCK NAVFAC - EFA WEST	HEALTH AND SAFETY PLAN (HASP) - ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (SAP) (SEE AR #1984 - TRANSMITTAL LETTER)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003		181-07-0027 BOX 0036 30093199	

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N00217 / 001929 NONE CORRESPONDENC E NONE 69	11-18-1999 03-04-1991 NONE 00.0	AQUA TERRA R. BLOCK NAVFAC - EFA WEST	QUALITY ASSURANCE PROJECT PLAN (QAPP) FOR ENVIRONMENTAL SAMPLING AND ANALYSIS (SAP), REVISION 0 (SEE AR #2269 - REVISION 1)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0036	
N00217 / 001930 NONE CORRESPONDENC E NONE 3	11-18-1999 03-08-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ADDENDUM TO WORK PLAN (WP), VOLUME 6, BASELINE PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001931 SER 1811RP/00626 CORRESPONDENC E NONE 1	11-18-1999 03-08-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS M. MALINOWSKI	RESCHEDULE OF TECHNICAL REVIEW COMMITTEE (TRC) MEETING TO 19 MARCH 1991	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001947 NONE CORRESPONDENC E NONE 1	11-18-1999 03-13-1991 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	APPROVAL OF BACKGROUND SAMPLING PLAN FOR THE HUNTER'S POINT ANNEX	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 001948 NONE REPORT NONE 144	11-18-1999 03-14-1991 NONE 00.0	AQUA TERRA L. RUETH NAVFAC - EFA WEST	DRAFT FINAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (SAP) (SEE AR #1992 - REVISED TABLES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_024	181-07-0027 30093199	BOX 0036	
N00217 / 001949 NONE REPORT N62474-88-D-5086 0	11-18-1999 03-14-1991 00101 00.0	PRC ENVIRONMENTAL MANAGEMENT J. CARVER	DRAFT REMOVAL ACTION PLAN/CLOSURE PLAN (RAP)(RM)	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901			

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N00217 / 001950 SER 1811RP/00630 CORRESPONDENC E NONE 3	11-18-1999 03-14-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF DRAFT FINAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) (W/OUT ENCLOSURE) (SEE AR #1948 - DRAFT FINAL ESAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 002888 NONE REPORT NONE 0	11-18-1999 03-14-1991 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	DRAFT REMOVAL ACTION PLAN/CLOSURE PLAN (RM)(RAP). ***COMMENTS: AR #2888 IS A DUPLICATE OF AR #1949; AR #2888 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 3 - 01/03/06			
N00217 / 001958 EFAW SER 1811JC/00636 CORRESPONDENC E NONE 2	11-18-1999 03-19-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	SUBMISSION OF DRAFT REMOVAL ACTION PLAN/CLOSURE PLAN FOR 22 ADDITIONAL UNDERGROUND STORAGE TANKS (UST) {W/OUT ENCLOSURE} [SEE AR #1949 - DRAFT REMOVAL ACTION PLAN/CLOSURE PLAN]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 001966 NONE CORRESPONDENC E NONE 2	11-18-1999 03-21-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE REVISED TIDAL INFLUENCE MONITORING PLAN (TIMP) AND WELL SURVEY	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 001967 NONE CORRESPONDENC E NONE 3	11-18-1999 03-21-1991 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE DRAFT FINAL TIDAL INFLUENCE MONITORING PLAN (TIMP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 001968 SER 1811RC/00629 CORRESPONDENC E NONE 64	11-18-1999 03-21-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	RESPONSE TO COMMENTS PRELIMINARY ASSESSMENT (PA), OTHER AREAS/UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	

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N00217 / 001976 SER 1811RP/00639 CORRESPONDENC E NONE 3	11-18-1999 03-22-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF 28 JANUARY 1991 REMEDIAL PROJECT MANAGERS (RPM) MEETING MINUTES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 001984 SER 1811RP/00635 CORRESPONDENC E NONE 4	11-18-1999 03-22-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF DRAFT FINAL HEALTH AND SAFETY PLAN (HASP) AND QUALITY ASSURANCE PROJECT PLAN (QAPP) (W/OUT ENCLOSURES) (SEE AR #1928 - HASP AND 1929 - QAPP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 001992 NONE CORRESPONDENC E NONE 20	11-18-1999 03-26-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	SUBMISSION OF REVISED TABLES FOR DRAFT FINAL ENVIRONMENTAL SAMPLING/ANALYSIS PLAN (SAP) (W/ ENCLOSURE) (SEE AR #1948 - DRAFT FINAL ESAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_024	181-07-0027 30093199	BOX 0037	
N00217 / 002000 NONE CORRESPONDENC E NONE 1	11-18-1999 03-28-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST E. SARMIENTO	RESPONSE TO COMMENTS ON THE DRAFT FINAL BACKGROUND SAMPLING PLAN	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002001 NONE MINUTES NONE 54	11-18-1999 04-02-1991 NONE 00.0	NAVFAC - EFA WEST MIGUEL, M. VARIOUS AGENCIES	SUBMISSION OF TECHNICAL REVIEW COMMITTEE (TRC) MEETING MINUTES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0037	
N00217 / 002009 EFAW SER 1811RC/00648 CORRESPONDENC E NONE 2	11-18-1999 04-03-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF FINAL REPORT ON THE CHEMICAL STABILIZATION OF METAL CONTAMINATED SAN BLASTING GRIT (SEE AR #1860 THROUGH 1862 - VOLUME I-III OF III) AND CHARACTERIZATION OF UNTREATED AND TREATED SAND BLASTING GRIT (SEE AR #1788)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0037	

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N00217 / 002033 NONE CORRESPONDENC E NONE 1	11-18-1999 04-11-1991 NONE 00.0	BCDC C. SMITH NAVFAC - EFA WEST L. LEW	COMMENTS ON THE DRAFT ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (SAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002034 NONE CORRESPONDENC E NONE 4	11-18-1999 04-15-1991 NONE 00.0	USEPA - SAN FRANCISCO C. FLIPPO NAVFAC - EFA WEST L. LEW	COMMENTS ON THE DRAFT REMOVAL ACTION PLAN/CLOSURE PLAN FOR 22 ADDITIONAL UNDERGROUND STORAGE TANKS (UST)	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002035 SER 1811JC/00661 CORRESPONDENC E NONE 5	11-18-1999 04-17-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	RESPONSE TO COMMENTS ON THE AIR MODEL/RISK ASSESSMENT REMEDIAL ACTION PLAN PICKLING AND PLATE YARD, TANK FARM	ADMIN RECORD	006 009 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002043 HLA JOB NO. 02176, 309.02 REPORT NONE 317	11-18-1999 04-18-1991 NONE 00.0	HARDING LAWSON ASSOCIATES B. PRICE NAVFAC - EFA WEST	SUMMARY OF FINDINGS MEMORANDUM OPERABLE UNIT II SITES, VOLUME 1 (SEE AR #2044 - VOLUME 2)	ADMIN RECORD	OU II PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002044 HLA JOB NO. 02176, 309.02 REPORT NONE 527	11-18-1999 04-18-1991 NONE 00.0	HARDING LAWSON ASSOCIATES B. PRICE NAVFAC - EFA WEST	SUMMARY OF FINDINGS MEMORANDUM OPERABLE UNIT II SITES - VOLUME 2 (SEE AR #2043 - VOLUME 1)	ADMIN RECORD	OU II PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	

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N00217 / 002045 NONE CORRESPONDENC E NONE 1	11-18-1999 04-19-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST R. POWELL	EXTENDING COMMENT PERIOD ON ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (SAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002046 SER 1811RP/00664 CORRESPONDENC E NONE 3	11-18-1999 04-19-1991 NONE 00.0	NAVFAC - EFA WEST MIGUEL, M. US EPA - SAN FRANCISCO FLIPPO, C.	SUBMISSION OF SUMMARY OF FINDINGS MEMORANDUM (SOFM), OPERABLE UNIT 2 (W/OUT ENCLOSURE) (SEE AR #2043 - SOFM)	ADMIN RECORD	OU 0002 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002054 SER 1811RC/00670 CORRESPONDENC E NONE 0	11-18-1999 04-22-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	RESPONSE TO DRAFT FINAL TIDE INFLUENCE MONITORING PLAN (TIMP)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-001			
N00217 / 002063 NONE CORRESPONDENC E NONE 1	11-18-1999 05-06-1991 NONE 00.0	DOI W. ALLEN NAVFAC - EFA WEST R. POWELL	REQUESTING WETLANDS DELINEATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002072 NONE CORRESPONDENC E NONE 0	11-18-1999 05-07-1991 NONE 00.0	NAVY	SUBMISSION OF DRAFT FINAL ADDENDUM WORK PLAN (WP), VOLUME 6, BASELINE PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-023			
N00217 / 002080 NONE CORRESPONDENC E NONE 5	11-18-1999 05-08-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	COMMENTS DRAFT PLANS AND SPECIFICATIONS FOR REMOVAL ACTION AT THE TANK FARM	ADMIN RECORD	006 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	

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Record Type	Record No.	Record Date	Author						
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N00217 / 002089 SER 1811RP/00690 CORRESPONDENC E NONE 13	11-18-1999 05-10-1991 NONE 00.0	11-18-1999 05-10-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF IDENTIFICATION OF EXPOSURE PATHWAYS, PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE) (W/ ENCLOSURES)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037
N00217 / 002097 HLA JOB NO. 02176, 324.02 REPORT NONE 60	11-18-1999 05-14-1991 NONE 00.0	11-18-1999 05-14-1991 NONE 00.0	HARDING LAWSON ASSOCIATES B. PRICE NAVFAC - EFA WEST	DRAFT RESULTS OF ROUNDS 1 AND 2 GROUNDWATER SAMPLING OPERABLE UNIT (OU) II/RECOMMENDATIONS FOR ROUND 3	ADMIN RECORD	OU II PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037
N00217 / 002099 NONE CORRESPONDENC E NONE 16	11-18-1999 05-17-1991 NONE 00.0	11-18-1999 05-17-1991 NONE 00.0	USEPA C. FLIPPO NAVSTA TREASURE ISLAND E. SARMIENTO	COMMENTS ON DRAFT FINAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) AND QUALITY ASSURANCE PROJECT PLAN (QAPP) [W/ ATTACHMENTS]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0037
N00217 / 002108 NONE CORRESPONDENC E NONE 103	11-18-1999 05-21-1991 NONE 00.0	11-18-1999 05-21-1991 NONE 00.0	BATTELLE J. MEANS NAVFAC - EFA WEST	WORK PLAN (WP) FIELD DEMONSTRATION ASPHALT TREATMENT TECHNOLOGY FOR SANDBLAST GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037
N00217 / 002109 NONE CORRESPONDENC E NONE 5	11-18-1999 05-21-1991 NONE 00.0	11-18-1999 05-21-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	COMMENTS ON SUMMARY OF FINDINGS MEMOMORANDUM FOR OPERABLE UNIT II SITES	ADMIN RECORD	OU II PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037
N00217 / 002110 NONE CORRESPONDENC E NONE 1	11-18-1999 05-21-1991 NONE 00.0	11-18-1999 05-21-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST L. LEW	APPROVAL OF DRAFT FINAL TIDAL INFLUENCE MONITORING PLAN (TIMP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037

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N00217 / 002119 EFAW SER 1811RP/00715 CORRESPONDENC E NONE 0	11-18-1999 05-31-1991 NONE 00.0	NAVFAC - EFA WEST MIGUEL, M. VARIOUS AGENCIES	SUBMISSION OF PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE), IDENTIFICATION OF EXPOSURE PATHWAYS AND INTAKE ASSUMPTIONS (W/ ENCLOSURES)	ADMIN RECORD	OU 0011 PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-001		
N00217 / 002129 SER 1811RP/00725 CORRESPONDENC E NONE 17	11-18-1999 06-07-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	SUBMISSION OF SUMMARY OF 22 MAY 1991 TECHNICAL REVIEW COMMITTEE (TRC) MEETING (W/ ENCLOSURES) [INCLUDES LETTER FROM ASSEMBLYMAN R. POLANCO DATED 4/12/91 REGARDING ASSEMBLY CONCURRENT RESOLUTION NO. 166]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0037
N00217 / 002137 SER 1811JC/00730 CORRESPONDENC E NONE 7	11-18-1999 06-07-1991 NONE 00.0	NAVFAC - EFA WEST MIGUEL, M. US EPA - SAN FRANCISCO FLIPPO, C.	SUBMISSION OF FEDERAL FACILITY AGREEMENT (FFA) DEADLINE SCHEDULES: OPERABLE UNIT (OU) 1, 3 AND 4 (W/OUT ENCLOSURES)	ADMIN RECORD	OU 0001 OU 0003 OU 0004 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037
N00217 / 002148 NONE CORRESPONDENC E NONE 1	11-18-1999 06-11-1991 NONE 00.0	DHS W. BROWN NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON RESPONSE AIR MODEL FOR TANK FARM, PICKLING AND PLATE YARD	ADMIN RECORD	006 009 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037
N00217 / 002149 NONE CORRESPONDENC E NONE 2	11-18-1999 06-11-1991 NONE 00.0	DHS W. BROWN NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON RESPONSE TO DRAFT FINAL TIDAL INFLUENCE MONITORING PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037

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N00217 / 002150 NONE CORRESPONDENC E NONE 2	11-18-1999 06-11-1991 NONE 00.0	DHS - BERKELEY W. BROWN NAVFAC - EFA WEST E. SAMIENTO	DHS HAS NO COMMENT AND APPROVES THE DRAFT REMOVAL ACTION PLAN/CLOSURE PLAN	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002159 NONE CORRESPONDENC E NONE 2	11-18-1999 06-18-1991 NONE 00.0	DHS W. BROWN NAVFAC - EFA WEST M. MIGUEL	DENIAL OF FEDERAL FACILITY AGREEMENT (FFA) DEADLINES EXTENSION REQUEST FOR OPERABLE UNITS (OU) I, III, IV SUMMARY OF FINDINGS MEMORANDA (SOFM)	ADMIN RECORD	OU I OU III OU IV PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002160 NONE CORRESPONDENC E NONE 2	11-18-1999 06-18-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST M. MIGUEL	DENIAL OF FEDERAL FACILITY AGREEMENT (FFA) DEADLINE EXTENSION REQUEST FOR OPERABLE UNITS (OU) I, III AND IV SUMMARY OF FINDINGS MEMORANDUM (SOFM)	ADMIN RECORD	OU I OU III OU IV PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002169 EFAW SER 1811JC/00737 CORRESPONDENC E NONE 1	11-18-1999 06-18-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	NOTIFICATION OF RESPONSE PERIOD EXTENSION FOR DRAFT REMOVAL ACTION/ABANDONMENT PLAN FOR 22 ADDITIONAL UNDERGROUND STORAGE TANKS (UST)	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002177 NONE CORRESPONDENC E NONE 1	11-18-1999 06-21-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE SCHEDULING EPA SPLIT SAMPLING EVENTS FOR OPERABLE UNIT (OU) III, V AND IV	ADMIN RECORD	OU III OU IV OU V PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	

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N00217 / 002178 NONE CORRESPONDENC E NONE 2	11-18-1999 06-21-1991 NONE 00.0	DHS W. BROWN NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON DRAFT FINAL ADDENDUM TO WORK PLAN (WP) VOLUME 6, PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002179 NONE CORRESPONDENC E NONE 7	11-18-1999 06-21-1991 NONE 00.0	DHS W. BROWN NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE), EXPOSURE PATHWAYS, INTAKE ASSUMPTIONS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002180 NONE CORRESPONDENC E NONE 1	11-18-1999 06-21-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST R. POWELL	REQUEST FOR SAMPLING SCHEDULE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002181 SER 1811RP/00746 CORRESPONDENC E NONE 2	11-18-1999 06-25-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS B. BROWN	FEDERAL FACILITY AGREEMENT (FFA) EXTENDING RESPONSE PERIOD ON THE DRAFT ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002189 SER 1811JC/00744 CORRESPONDENC E NONE 2	11-18-1999 06-25-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	07 JUNE 1991 FEDERAL FACILITY AGREEMENT (FFA) EXTENSION REQUEST	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002197 NONE CORRESPONDENC E NONE 20	11-18-1999 06-27-1991 NONE 00.0	U.S. EPA C. FLIPPO NAVFAC - EFA WEST R. POWELL	EPA PROJECT OVERSIGHT (INCLUDES BECHTEL'S SUMMARY REPORT AND CHECKLIST)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-020			

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N00217 / 002198 NONE REPORT NONE 124	11-18-1999 07-01-1991 NONE 00.0	HARDING LAWSON ASSOCIATES R. MCCARTNEY NAVFAC - EFA WEST	PHASE 2A DATA SUBMITTAL AND RECOMMENDATIONS FOR PHASE 2B SAMPLNG PROGRAM MODIFICATIONS	ADMIN RECORD	007 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002305 SER 1811RP/00792 REPORT NONE 16	11-18-1999 07-01-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	WETLANDS IDENTIFICATION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002199 SER 1811JC/00753 CORRESPONDENC E NONE 3	11-18-1999 07-03-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION RESULTS OF PRIMARY PHASE 2A FIELD WORK	ADMIN RECORD	007 OU IV PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0037	
N00217 / 002215 NONE REPORT N62474-88-D-5086 300	11-18-1999 07-08-1991 00101 00.0	PRC ENVIRONMENTAL MANAGEMENT S. WALD NAVFAC - EFA WEST	DRAFT FINAL REMOVAL ACTION/TANK ABANDONMENT PLAN [SEE AR #2838 - DRAFT REMOVAL ACTION PLAN/TANK ABANDONMENT PLAN ADDENDUM]	ADMIN RECORD	BASEWIDE PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002216 NONE REPORT NONE 2199	11-18-1999 07-09-1991 NONE 00.0	BATTELLE J. MEANS NAVFAC - EFA WEST	DRAFT WORK PLAN (WP) FIELD DEMONSTRATION OF ASPHALT TREATMENT TECHNOLOGY SANDBLAST GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	

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N00217 / 002217 EFAW SER 1811RP/00770 REPORT NONE 300	11-18-1999 07-10-1991 NONE 00.0	HARDING LAWSON ASSOCIATES A. VERMA NAVFAC - EFA WEST	DRAFT WATER QUALITY INVESTIGATION OF STORMWATER DRAINAGE (INCLUDES EFA WEST TRANSMITTAL LETTER BY M. MIGUEL)	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901	
N00217 / 002577 NONE REPORT NONE 0	11-18-1999 07-10-1991 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - SOUTHWEST DIVISION	WATER QUALITY INVESTIGATION OF STORMWATER DRAINAGE. ***COMMENTS: AR #2577 IS A DUPLICATE OF AR #2217. AR #2577 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED	
N00217 / 002218 EFAW SER 1811JC/00752 CORRESPONDENC E NONE 9	11-18-1999 07-12-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	SUBMISSION OF 1) RESPONSE TO COMMENTS ON THE DRAFT REMOVAL ACTION PLAN/ABANDONMENT IN PLACE PLAN FOR 22 UNDERGROUND STORAGE TANKS (UST) & 2) DRAFT FINAL REMOVAL ACTION PLAN/ABANDONMENT IN PLACE PLAN FOR 22 UNDERGROUND STORAGE TANKS [W/OUT ENCLOSURES]. ***COMMENTS: {SEE AR #2215 - RESPONSE TO COMMENTS AND DRAFT FINAL REMOVAL ACTION PLAN/TANK ABANDONMENT PLAN}***	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302	
N00217 / 002234 SER 1811RC/00767 CORRESPONDENC E NONE 3	11-18-1999 07-15-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	SUBMISSION OF DRAFT WORK PLAN TREATMENT PROGRAM FOR SANDBLASTING GRIT (W/OUT ENCLOSURE) (SEE AR #2216 - DRAFT WORK PLAN)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 BOX 0038 30093199

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N00217 / 002242 EFAW SER 1811RP/00770 CORRESPONDENC E NONE 1	11-18-1999 07-16-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	SUBMISSION OF WATER QUALITY INVESTIGATION OF STORMWATER DRAINAGE (W/OUT ENCLOSURE) [SEE AR #2217 - DRAFT WATER QUALITY INVESTIGATION OF STORMWATER DRAINAGE]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302		
N00217 / 002250 NONE CORRESPONDENC E NONE 2	11-18-1999 07-18-1991 NONE 00.0	DHS B. COOK NAVFAC - EFA WEST M. MIGUEL	RESPONSE TO DEADLINE EXTENSION REQUEST FOR THE SITE INVESTIGATION REPORT AND SUMMARY OF FINDINGS MEMORANDA	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002251 SER 1811RP/00771 CORRESPONDENC E NONE 5	11-18-1999 07-18-1991 NONE 00.0	NAVFAC - EFA WEST MIGUEL, M. US EPA - SAN FRANCISCO FLIPPO, C.	SUMMARY OF FINDINGS MEMORANDUM, OPERABLE UNIT (OU) 2	ADMIN RECORD	OU 0002 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002259 NONE CORRESPONDENC E NONE 1	11-18-1999 07-22-1991 NONE 00.0	US EPA - SAN FRANCISCO FLIPPO, C. NAVFAC - EFA WEST POWELL, R.	APPROVAL OF REQUESTED DEADLINE EXTENSION SUMMARY FINDNGS MEMO - OPERABLE UNITS (OU) I, III, IV, AND PA SITES 16 AND 18	ADMIN RECORD	OU I OU II OU III OU IV PARCEL B SITE 00016 SITE 00018	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002260 SER 1811RP/00751 CORRESPONDENC E NONE 7	11-18-1999 07-23-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	FEDERAL FACILITY AGREEMENT (FFA) OPERABLE UNIT (OU) II DEADLINES: OUII SCHEDULE OF FIELD WORK/REVISED SCHEDULE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038

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N00217 / 002268 NONE REPORT NONE 131	11-18-1999 07-31-1991 NONE 00.0	AQUA TERRA NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) (SEE AR #2417 - DRAFT ADDENDUM TO THE ESAP AND 2552 - ADDENDUM TO ESAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0038	
N00217 / 002269 NONE CORRESPONDENC E NONE 95	11-18-1999 07-31-1991 NONE 00.0	AQUA TERRA R. BLOCK NAVFAC - EFA WEST	QUALITY ASSURANCE PROJECT PLAN (QAPP) FOR ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (SAP) (SEE AR #1929 - REVISION 0	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0038	
N00217 / 002270 NONE REPORT NONE 48	11-18-1999 07-31-1991 NONE 00.0	AQUA TERRA R. BLOCK NAVFAC - EFA WEST	HEALTH AND SAFETY PLAN (HASP) FOR ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (SAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002271 NONE CORRESPONDENC E NONE 4	11-18-1999 07-31-1991 NONE 00.0	NAVY	SUBMISSION DRAFT FINAL ENVIRONMENTAL SAMPLING WITH HEALTH AND SAFETY PLAN (HASP), AND QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0038	
N00217 / 002279 NONE CORRESPONDENC E NONE 1	11-18-1999 08-07-1991 NONE 00.0	DTSC B. COOK NAVFAC - EFA WEST M. MIGUEL	DTSC RESPONSE TO REQUEST FOR EXTENSION FOR OPERABLE UNIT (OU) II DELIVERABLES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002288 SER 1811RP/00786 CORRESPONDENC E NONE 23	11-18-1999 08-09-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS B. BROWN	SUBMISSION OF 24 JULY 1991 TEHNICAL REVIEW COMMITTEE (TRC) MEETING MINUTES (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	

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N00217 / 002313 NONE CORRESPONDENC E NONE 2	11-18-1999 08-28-1991 NONE 00.0	DTSC W. BROWN NAVFAC - EFA WEST E. SARMIENTO	DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC) EXTENSION NOTIFICATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002314 NONE CORRESPONDENC E NONE 11	11-18-1999 08-29-1991 NONE 00.0	DTSC W. BROWN NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE DRAFT FINAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) INCLUDES QUALITY ASSURANCE PROJECT PLAN (QAPP) AND HEALTH AND SAFETY PLAN (SSP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002315 NONE CORRESPONDENC E NONE 1	11-18-1999 08-29-1991 NONE 00.0	U.S. EPA R. BLANK NAVFAC - EFA WEST M. MIGUEL	APPROVAL OF EXTENSION REQUEST FOR OPERABLE UNIT (OU) II GRANTED IN ACCORD WITH FEDERAL FACILITY AGREEMENT (FFA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002316 NONE CORRESPONDENC E NONE 1	11-18-1999 08-30-1991 NONE 00.0	U.S. EPA R. BLANK NAVFAC - EFA WEST R. POWELL	EXTENSION REQUEST FOR COMMENTS TO DRAFT FINAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) AND QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002317 SER 1811RP/00794 CORRESPONDENC E NONE 2	11-18-1999 08-30-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	COMMENTS ON THE FEDERAL FACILITY AGREEMENT (FFA)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002325 SER 1811RP/00804 CORRESPONDENC E NONE 2	11-18-1999 09-06-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	EXTENSION GRANTED FOR REVIEW OF DRAFT FINAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 002333 HLA JOB NO. 18639, 519.03 & SER 1811RP/00803 REPORT NONE 402	11-18-1999 09-09-1991 NONE 00.0	HARDING LAWSON ASSOCIATES M. EGBERT NAVFAC - EFA WEST	DRAFT SITE INSPECTION AND REMEDIAL INVESTIGATION (RI) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002334 SER 1811RP/00803 CORRESPONDENC E NONE 2	11-18-1999 09-09-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	SUBMISSION OF DRAFT SITE INVESTIGATION REPORT (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002350 SER 1811RP/00816 CORRESPONDENC E NONE 49	11-18-1999 09-18-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	BASELINE PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION (PHEE) OPERABLE UNIT (OU) II (WITH ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002367 SER 1811RP/008/26 CORRESPONDENC E NONE 6	11-18-1999 09-27-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DTSC B. BROWN	SUBMISSION OF 10 SEPTEMBER 1991 REMEDIAL PROJECT MANAGERS' (RPM) MEETING SUMMARY (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002375 SER 1811RP/L2005 CORRESPONDENC E NONE 8	11-18-1999 10-10-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DTSC B. BROWN	SUBMISSION OF 25 SEPTEMBER 1991 TECHNICAL REVIEW COMMITTEE (TRC) SUMMARY MEETING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 002392 HLA JOB NO. 18639, 575.02 REPORT N62474-88-D-5086 26	11-18-1999 10-22-1991 00110 00.0	HARDING LAWSON ASSOCIATES G. OHLAND NAVFAC - EFA WEST	DRAFT AQUIFER TESTING WORK PLAN (WP) REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002393 EFAW SER 1811RP/L2023 CORRESPONDENC E NONE 0	11-18-1999 10-23-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE WATER QUALITY INVESTIGATION OF STORMWATER DRAINAGE	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302		
N00217 / 002401 SER 1811RP/L2025 CORRESPONDENC E NONE 14	11-18-1999 10-23-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	SUBMISSION OF 09 OCTOBER 1991 SUMMARY OF REMEDIAL PROJECT MANAGERS' (RPM) MEETING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038
N00217 / 002922 NONE CORRESPONDENC E NONE 3	11-18-1999 10-28-1991 NONE 00.0	CRWQCB	PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0047
N00217 / 002409 EFAW SER 1811RP/L2032 CORRESPONDENC E NONE 3	11-18-1999 10-29-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL VARIOUS AGENCIES	SUBMISSION OF DRAFT AQUIFER TEST WORK PLAN AND DRAFT WORK PLAN VOLUME 2G SAMPLING PLAN - GROUP VI SITES (W/OUT ENCLOSURES) [SEE AR #2392 - DRAFT AQUIFER TEST WORK PLAN AND AR #2391 - DRAFT WORK PLAN VOLUME 2G SAMPLING PLAN - GROUP VI SITES]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0038

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 002923 NONE CORRESPONDENC E NONE 6	11-18-1999 10-31-1991 NONE 00.0	DTSC	COMMENTS ON EXPOSURE PATHWAYS AND INTAKE ASSUMPTIONS FOR OPERABLE UNIT (OU) II	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0047	
N00217 / 002425 SER 1811RP/L2044 CORRESPONDENC E NONE 7	11-18-1999 11-08-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	RESPONSE TO COMMENTS ON THE DRAFT WORK PLAN (WP) TREATMENT PROGRAM FOR SANDBLASTING GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0038	
N00217 / 002433 SER 1811RP/L2050 CORRESPONDENC E NONE 6	11-18-1999 11-12-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DTSC - BERKELEY C. KAO	SUBMISSION OF FEDERAL FACILITY AGREEMENT (FFA) SECTION 20 QUALITY ASSURANCE (QA) ENCLOSURES 1-12 (W/OUT ENCLOSURES)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0038	
N00217 / 002454 HLA JOB NO. 18639,577.02 REPORT 5086-90-057-004 240	11-18-1999 11-21-1991 00110 00.0	HARDING LAWSON ASSOCIATES B. FLYNN NAVFAC - EFA WEST	DRAFT PHASE I AQUIFER TESTING RESULTS/RECOMMENDATIONS FOR PHASE II AQUIFER TESTING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0039	
N00217 / 002815 NONE CORRESPONDENC E NONE 25	11-18-1999 11-21-1991 NONE 00.0	HARDING LAWSON ASSOCIATES	RESPONSE TO DTSC AND EPA COMMENTS ON THE PHASE I AQUIFER TESTING RESULTS, RECOMMENDATIONS FOR PHASE II AQUIFER TESTING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002816 NONE CORRESPONDENC E NONE 2	11-18-1999 11-21-1991 NONE 00.0	HARDING LAWSON ASSOCIATES	SUBMISSION OF RESPONSE TO DTSC AND EPA COMMENTS ON THE PHASE I AQUIFER TESTING RESULTS, RECOMMENDATIONS FOR PHASE II AQUIFER TESTING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	

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N00217 / 002463 NONE CORRESPONDENC E NONE 2	11-18-1999 12-05-1991 NONE 00.0	NAVY	DRAFT PHASE I AQUIFER TEST RESULTS WITH RECOMMENDATIONS FOR PHASE II	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0039	
N00217 / 002466 SER 1811RP/L2075 CORRESPONDENC E NONE 1	11-18-1999 12-06-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	EXTENDING RESPONSE PERIOD REMEDIAL INVESTIGATION (RI) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002469 SER 1811RP/L2067 CORRESPONDENC E NONE 10	11-18-1999 12-10-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	SUBMISSION OF 09 OCTOBER 1991 REMEDIAL PROJECT MANAGERS' MEETING MINUTES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002477 SER 1811RP/L2076 CORRESPONDENC E NONE 7	11-18-1999 12-11-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	SUBMISSION OF 13 NOVEMBER REMEDIAL PROJECT MANAGERS' (RPM) MEETING SUMMARY	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002481 SER 1811RP/L2086 CORRESPONDENC E NONE 8	11-18-1999 12-18-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DTSC B. ARTHUR	SUBMISSION OF 04 DECEMBER 1991 TECHNICAL REVIEW COMMITTEE MEETING SUMMARY	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002484 NONE REPORT NONE 0	11-18-1999 12-20-1991 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT SITE INSPECTION WORK PLAN (WP): PA OTHER AREAS/UTILITIES VOLUME I OF III: UNDERGROUND UTILITIES	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			

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N00217 / 002485 NONE CORRESPONDENC E NONE 20	11-18-1999 12-20-1991 NONE 00.0	NAVY	SUBMISSION OF SUMMARY OF RPM MEETINGS OF 11 AND 18 DECEMBER 1991	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002488 NONE REPORT NONE 0	11-18-1999 12-23-1991 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT SITE INSPECTION (SI) WORK PLAN (WP): PA OTHER AREAS/UTILITIES VOLUME II OF III: SITES PA-19, PA-24, PA-32, PA-36, AND PA-39	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			
N00217 / 002492 NONE REPORT NONE 436	11-18-1999 01-02-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT FINAL SITE INSPECTIONS (SI) REMEDIAL INVESTIGATION (RI) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002493 NONE CORRESPONDENC E NONE 8	11-18-1999 01-02-1992 NONE 00.0	U.S. EPA R. BLANK NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE AQUIFER TESTING WORK PLAN (WP) AND THE PHASE I AQUIFER TESTING RESULTS/RECOMMENDATIONS FOR PHASE II AQUIFER TESTING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002813 HLA PROJ NO. 18639,079.02 REPORT NONE 72	11-18-1999 01-02-1992 NONE 00.0	HARDING LAWSON ASSOCIATES P. DAWSON NAVFAC - EFA WEST	DRAFT AIR SAMPLING REPORT	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0043	
N00217 / 002495 NONE REPORT N62474-88-D-5086 311	11-18-1999 01-16-1992 NONE 00.0	HARDING LAWSON ASSOCIATES R. MCCATNEY NAVFAC - EFA WEST	DRAFT SUMMARY OF FINDINGS MEMORANDUM OPERABLE UNIT IV	ADMIN RECORD	007 PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	

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N00217 / 002496 NONE CORRESPONDENC E NONE 5	11-18-1999 01-17-1992 NONE 00.0	DTSC B. ARTHUR NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON DRAFT PHASE I AQUIFER TESTING RESULTS/RECOMMENDATIONS FOR PHASE II	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002505 SER 1811RC/L2107 CORRESPONDENC E NONE 6	11-18-1999 01-21-1992 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	FEDERAL FACILITY AGREEMENT (FFA) DUE DATE EXTENSION REQUEST	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002514 SER 1811RC/L2115 CORRESPONDENC E NONE 3	11-18-1999 01-22-1992 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	SUBMISSION OF DRAFT FINAL SITE INSPECTIONS REMEDIAL INVESTIGATION WORK PLAN (W/OUT ENCLOSURE) (SEE AR #2492 - DRAFT FINAL SITE INSPECTION)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002563 NONE CORRESPONDENC E NONE 5	11-18-1999 01-22-1992 NONE 00.0	CRWQCB	COMMENTS ON DRAFT FINAL SITE INSPECTIONS (SI) REMEDIAL INVESTIGATION (RI) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0040	
N00217 / 002521 NONE CORRESPONDENC E NONE 2	11-18-1999 01-28-1992 NONE 00.0	DTSC B. ARTHUR NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE DRAFT FINAL SITE INSPECTIONS (SI) AND RI WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	

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N00217 / 002522 NONE REPORT NONE 63	09-16-2005 01-29-1992 NONE	AQUA TERRA NAVFAC - EFA WEST	ADDENDUM TO THE ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) AND ADDENDUM TO THE QUALITY ASSURANCE PROJECT PLAN (QAPP) FOR THE ESAP [INCLUDES RESPONSE TO COMMENTS ON THE DRAFT ESAP ADDENDUM] (SEE AR #2268 - ESAP AND 2269 - QAPP FOR THE ESAP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0039	
N00217 / 002523 NONE CORRESPONDENC E NONE 1	11-18-1999 01-29-1992 NONE 00.0	U.S. EPA R. BLANK NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE DRAFT FINAL SITE INSPECTIONS (SI) APPROVAL OF RI WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002532 NONE REPORT N62474-88-D-5086 46	11-18-1999 02-19-1992 00110 00.0	HARDING LAWSON ASSOCIATES B. FLYNN NAVFAC - EFA WEST	DRAFT FINAL AQUIFER TESTING WORK PLAN REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002534 SER 1811/L2170 REPORT NONE 87	11-18-1999 02-26-1992 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL BAAQMD C. FORTNEY	FEDERAL FACILITY AGREEMENT (FFA)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002542 SER 1811RC/L2176 CORRESPONDENC E NONE 3	11-18-1999 03-03-1992 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. LANK	SUBMISSION OF RESPONSE TO COMMENTS FOR THE DRAFT FINAL SITE INSPECTIONS (SI) REMEDIAL INVESTIGATION (RI) WORK PLAN (WP) (W/OUT ENCLOSURE) (SEE AR #2548 - RESPONSE TO COMMENTS ON THE DRAFT FINAL SITE INSPECTION REMEDIAL INVESTIGATION WORK PLAN)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	

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N00217 / 002545 SER 1811RE/L2180 CORRESPONDENC E NONE 3	11-18-1999 03-05-1992 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA R. BLANK	COMMENTS ON THE FEDERAL FACILITY AGREEMENT (FFA) DUE DATE EXTENSION REQUEST	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002817 NONE CORRESPONDENC E NONE 3	11-18-1999 03-11-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	SUBMISSION OF RESPONSE TO COMMENTS ON THE PHASE I AQUIFER TESTING RESULTS, RECOMMENDATIONS FOR PHASE II AQUIFER TESTING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002548 NONE CORRESPONDENC E NONE 16	11-18-1999 03-12-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT G. WELSHANS VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE DRAFT FINAL SITE INSPECTION (SI) REMDIAL INVESTIGATION (RI) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002549 NONE REPORT N62474-88-D-5086 167	11-18-1999 03-12-1992 00110 00.0	HARDING LAWSON ASSOCIATES M. STEMPE NAVFAC - EFA WEST	DRAFT INITIAL SCREENING ALTERNATIVES OPERABLE UNIT (OU) II	ADMIN RECORD	OU II PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	
N00217 / 002550 NONE REPORT N62474-88-D-5086 197	11-18-1999 03-18-1992 00155 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - EFA WEST	DRAFT WORK PLAN SURFACE CONFIRMATION RADIATION SURVEY AND INVESTIGATION (MISSING APPENDIX D - TMA EBERLINE - ALBUQUERQUE LABORATORY ENVIRONMENTAL ANALYTICAL PROCEDURES	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0039	

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N00217 / 002741 NONE REPORT NONE 345	11-18-1999 03-19-1992 NONE 00.0		DRAFT TECHNICAL MEMORANDUM (TM) BACKGROUND SOIL AND GROUNDWATER CONDITIONS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002742 NONE CORRESPONDENC E NONE 9	11-18-1999 03-19-1992 NONE 00.0	NAVY	TECHNICAL REVIEW COMMITTEE MEETING SUMMARY	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002551 NONE REPORT NONE 0	11-18-1999 03-24-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) PLANNING AND IMPLEMENTATION PROJECT MANAGEMENT WORK PLAN (WP) - REVISION 1	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-023			
N00217 / 002812 NONE REPORT NONE 113	11-18-1999 03-31-1992 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL SITE INSPECTION WORK PLAN, PA OTHER AREAS/UTILITIES - 26 SITES (VOLUME II OF III) [SEE AR #2806 - VOLUME I AND 2561 - VOLUME III]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002745 NONE CORRESPONDENC E NONE 3	11-18-1999 04-01-1992 NONE 00.0	NAVY	SUBMITTAL LIST OF TECHNICAL DOCUMENTS SENT TO REVIEWING AGENCIES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002806 NONE REPORT NONE 150	11-18-1999 04-01-1992 NONE 00.0	NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL SITE INSPECTION WORK PLAN, PA OTHER AREAS/UTILITIES - 26 SITES (VOLUME I OF III) [SEE AR #2812 - VOLUME II AND 2561 - VOLUME III]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	

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N00217 / 002824 NONE CORRESPONDENC E NONE 0	11-18-1999 04-01-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	REQUEST TO DISCHARGE PURGED GROUNDWATER	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 POSSIBLE COMPLIANCE			
N00217 / 002821 NONE CORRESPONDENC E NONE 4	11-18-1999 04-02-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	SUBMISSION OF DRAFT FINAL INSPECTION WORK PLAN (WP); PA OTHER AREAS/UTILITIES VOLUMES I AND II OF III	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002785 SER 1811RC/L2221 CORRESPONDENC E NONE 4	11-18-1999 04-08-1992 NONE 00.0	NAVFAC - EFA WEST VARIOUS AGENCIES	INSTALLATION RESTORATION PROGRAM DOCUMENTS - PROJECT MANAGEMENT WORK PLAN REVISION 1	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0043	
N00217 / 002845 HLA PROJ NO. 18639,079.02 REPORT NONE 70	11-18-1999 04-28-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT C. CORPUZ NAVFAC - EFA WEST	DRAFT AIR SAMPLING REPORT AND WORK PLAN (WP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0044	
N00217 / 002846 NONE CORRESPONDENC E NONE 3	11-18-1999 04-28-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT G. WELSHANS U.S. EPA R. BLANK	SUBMISSION OF DRAFT AIR SAMPLING REPORT AND WORK PLAN (WP) (W/OUT ENCLOSURE) (SEE AR #2845 - DRAFT AIR SAMPLING REPORT AND WORK PLAN)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0044	
N00217 / 002552 NONE REPORT NONE 0	11-18-1999 05-05-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	SET OF EXHIBIT PLATES FOR DRAFT SITE INSPECTION (SI) WORK PLAN (WP): PA OTHER AREAS/UTILITIES, VOLUME III OF III: 26 SITES	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			

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N00217 / 002553 NONE REPORT N62474-88-D-5086 105	11-18-1999 05-07-1992 00140 00.0	HARDING LAWSON ASSOCIATES M. STELLJES NAVFAC - EFA WEST	DRAFT ECOLOGICAL RISK ASSESSMENT WORK PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0040	
N00217 / 002554 SER 1811/L2337 REPORT NONE 179	11-18-1999 06-05-1992 NONE 00.0	BATTELLE NAVFAC - EFA WEST	DRAFT STATUS REPORT FOR FIELD DEMONSTRATION OF ASPHALT TREATMENT TECHNOLOGY FOR SPENT SANDBLASTING GRIT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0040	
N00217 / 002637 NONE REPORT N62474-86-D-0996 389	11-18-1999 06-12-1992 00044 00.0	HARDING LAWSON ASSOCIATES B. FLYNN NAVFAC - EFA WEST	DRAFT OPERABLE UNIT (OU) II REMEDIAL INVESTIGATION (RI) REPORT VOLUME I - TEXT, TABLES, AND ILLUSTRATIONS (SEE AR #2638 - VOLUME II, 2639 - VOLUME III AND 2640 - VOLUME IV)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0040	
N00217 / 002638 NONE REPORT N62474-86-D-0996 521	11-18-1999 06-12-1992 00044 00.0	HARDING LAWSON ASSOCIATES B. FLYNN NAVFAC - EFA WEST	DRAFT OPERABLE UNIT (OU) II REMEDIAL INVESTIGATION (RI) REPORT VOLUME II - APPENDICES A, B, C AND D (SEE AR #2637 - VOLUME I, 2638 - VOLUME II AND 2640 - VOLUME IV)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0041	
N00217 / 002639 NONE REPORT N62474-86-D-0996 397	11-18-1999 06-12-1992 00044 00.0	HARDING LAWSON ASSOCIATES B. FLYNN NAVFAC - EFA WEST	DRAFT OPERABLE UNIT (OU) II REMEDIAL INVESTIGATION (RI) REPORT VOLUME III - APPENDICES E, F AND G (SEE AR #2637 - VOLUME I, 2638 - VOLUME II AND 2640 - VOLUME IV)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0041	

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N00217 / 002640 NONE REPORT N62474-86-D-0996 486	11-18-1999 06-12-1992 00044 00.0	HARDING LAWSON ASSOCIATES B. FLYNN NAVFAC - EFA WEST	DRAFT OPERABLE UNIT (OU) II REMEDIAL INVESTIGATION (RI) REPORT VOLUME IV - APPENDICES H, I AND J (SEE AR #2637 - VOLUME I, 2638 - VOLUME II AND 2639 - VOLUME III)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0041	
N00217 / 002642 NONE CORRESPONDENC E NONE 3	11-18-1999 06-17-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT G. WELSHANS U.S. EPA R. BLANK	TRANSMITTAL OF RESPONSE TO AGENCY COMMENTS TO DRAFT TECHNICAL BACKGROUND SOIL AND GROUNDWATER CONDITIONS REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) (SEE AR #2641 - RESPONSE TO AGENCY COMMENTS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0041	
N00217 / 002641 NONE REPORT NONE 255	11-18-1999 06-19-1992 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	RESPONSE TO AGENCY COMMENTS TO DRAFT TECHNICAL BACKGROUND SOIL AND GROUNDWATER CONDITIONS REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0041	
N00217 / 002788 NONE CORRESPONDENC E NONE 10	11-18-1999 07-15-1992 NONE 00.0	NAVY	FEDERAL FACILITY AGREEMENT (FFA) EXTENSION REQUEST FOR OPERABLE UNIT (OU) IV WITH ENCLOSURES 1-6 AND PROPOSED REVISED SCHEDULE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002643 NONE REPORT N62474-86-D-0996 385	11-18-1999 07-17-1992 00044 00.0	HARDING LAWSON ASSOCIATES A. REID NAVFAC - EFA WEST	PRELIMINARY DRAFT OPERABLE UNIT (OU) II PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE), VOLUME I - TEXT, TABLES, ILLUSTRATIONS AND APPENDIX A (SEE AR #2644 - VOLUME II)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0041	

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N00217 / 002644 NONE REPORT N62474-86-D-0996 514	11-18-1999 07-17-1992 00044 00.0	HARDING LAWSON ASSOCIATES A. REID NAVFAC - EFA WEST	PRELIMINARY DRAFT OPERABLE UNIT (OU) II PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE), VOLUME II - APPENDICES B, C, D, E, F, G AND H (SEE AR #2643 - VOLUME I)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0041	
N00217 / 002561 NONE REPORT NONE 222	11-18-1999 07-22-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL SITE INSPECTION WORK PLAN, PA OTHER AREAS/UTILITIES - 26 SITES (VOLUME III OF III) [SEE AR #2806 - VOLUME I AND 2812 - VOLUME II]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0040	
N00217 / 002645 NONE REPORT NONE 244	11-18-1999 07-24-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT FINAL FACILITY GROUNDWATER MONITORING PLAN REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0041	
N00217 / 002646 NONE CORRESPONDENC E NONE 3	11-18-1999 07-24-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL OF DRAFT FINAL FACILITY GROUNDWATER MONITORING PLAN REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0041	
N00217 / 002791 NONE CORRESPONDENC E NONE 2	11-18-1999 07-28-1992 NONE 00.0	NAVY	FEDERAL FACILITY AGREEMENT (FFA) EXTENSION REQUEST FOR OPERABLE UNIT (OU) IV	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	

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N00217 / 002647 NONE REPORT NONE 97	11-18-1999 07-31-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT FINAL AIR SAMPLING REPORT AND WORK PLAN (WP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002648 NONE CORRESPONDENC E NONE 3	11-18-1999 07-31-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL OF DRAFT FINAL AIR SAMPLING REPORT AND WORK PLAN (WP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002825 NONE REPORT N62474-88-D-5086 42	11-18-1999 08-03-1992 00057 00.0	PRC ENVIRONMENTAL MANAGEMENT S. WALD NAVFAC - SOUTHWEST DIVISION	DRAFT TANK CONTENTS AND ANALYSIS REPORT	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002649 NONE REPORT NONE 134	11-18-1999 08-06-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	TECHNICAL MEMORANDUM TIDAL INFLUENCE MONITORING (TM)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002650 NONE CORRESPONDENC E NONE 4	11-18-1999 08-06-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL OF TECHNICAL MEMORANDUM TIDAL INFLUENCE MONITORING (TM)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	

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N00217 / 002793 NONE CORRESPONDENC E NONE 2	11-18-1999 08-06-1992 NONE 00.0	NAVY	NOTIFICATION OF EXTENSION FOR DRAFT FINAL ECOLOGICAL RISK ASSESSMENT WORK PLAN SUBMITTAL (ERA)(WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002635 NONE REPORT N62474-86-D-0996 340	11-18-1999 08-12-1992 DO 0044 00.0	HARDING LAWSON ASSOCIATES ARDALAN, S. NAVFAC - EFA WEST	DRAFT OPERABLE UNIT (OU) II PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION (PHEE) REPORT, VOLUME I OF II - TEXT, TABLES, ILLUSTRATIONS AND APPENDIX A (SEE AR #2636 - VOLUME II OF II)	ADMIN RECORD	OU 0002 PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0040	
N00217 / 002636 NONE REPORT N62474-86-D-0996 519	11-18-1999 08-12-1992 DO 0044 00.0	HARDING LAWSON ASSOCIATES ARDALAN, S. NAVFAC - EFA WEST	DRAFT OPERABLE UNIT (OU) PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION (PHEE) REPORT, VOLUME II OF II - APPENDICES B, C, D, E, F, G AND H (SEE AR #2635 - PHEE, VOLUME I OF II)	ADMIN RECORD	OU 0002 PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0040	
N00217 / 002796 NONE CORRESPONDENC E NONE 1	11-18-1999 08-14-1992 NONE 00.0	NAVY	NOTIFICATION OF EXTENSION FOR DRAFT FINAL OPERABLE UNIT (OU) II RI REPORT SUBMITTAL	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002651 NONE REPORT N62474-88-D-5086 300	11-18-1999 08-28-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT W. RADZEVICH	SUMMARY REPORT OF UST REMOVALS	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901			

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 003097 NONE CORRESPONDENC E NONE 1	11-18-1999 08-28-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT WALD, S. US EPA - SAN FRANCISCO BLANK, R.	SUBMISSION OF SUMMARY REPORT OF UST REMOVALS	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-020			
N00217 / 002652 NONE CORRESPONDENC E NONE 2	11-18-1999 09-01-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT S. WALD VARIOUS AGENCIES	TRANSMITTAL OF SUMMARY REPORT OF UST REMOVALS (JULY THROUGH OCTOBER 1991) {W/OUT ENCLOSURE} [SEE AR #2651 - SUMMARY REPORT]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002653 NONE REPORT NONE 103	11-18-1999 09-09-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT FINAL ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (WP) (SEE AR #2658 - REVISED PAGES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0042	
N00217 / 002654 NONE CORRESPONDENC E NONE 3	11-18-1999 09-09-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL OF DRAFT FINAL ECOLOGICAL RISK ASSESSMENT WORK PLAN (ERA)(WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002802 NONE CORRESPONDENC E NONE 3	11-18-1999 09-10-1992 NONE 00.0	NAVY	NAVY REVIEW OF EPA PROPOSAL TO DISPUTES RESOLUTION COMMITTEE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	

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N00217 / 002804 NONE CORRESPONDENC E NONE 6	11-18-1999 09-11-1992 NONE 00.0	NAVY	SUBMISSION OF OUTLINE OF ALTERNATE SELECTION REPORT AND PROPOSED SCHEDULES OPERABLE UNIT (OU) III AND IV	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002655 NONE REPORT NONE 634	11-18-1999 09-18-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	PRELIMINARY DRAFT OPERABLE UNIT (OU) II FEASIBILITY STUDY REPORT (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002782 EFAW SER 1811WW/L3004 CORRESPONDENC E NONE 24	11-18-1999 10-02-1992 NONE 00.0	NAVFAC - EFA WEST KATZ, G. US EPA - SAN FRANCISCO TAKATA, K.	REVISED TIME FRAME FOR RESOLUTION OF HPA SCHEDULES/SCHEDULES FOR OPERABLE UNIT (OU) III AND IV; PROPOSED SCHEDULES FOR OPERABLE UNIT (OU) I AND II, AND GROUPS V AND VI SITES	ADMIN RECORD	OU 0001 OU 0002 OU 0003 OU 0004 PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0043	
N00217 / 002656 NONE REPORT NONE 0	11-18-1999 10-07-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	RESPONSES TO COMMENTS ON THE DRAFT OPERABLE UNIT (OU) II REMEDIAL INVESTIGATION REPORT (RI). ***COMMENTS: AR #2656 IS A DUPLICATE OF AR #2565; AR #2656 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 002657 NONE CORRESPONDENC E NONE 3	11-18-1999 10-07-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL OF RESPONSE TO COMMENTS ON THE DRAFT OPERABLE UNIT (OU) II REMEDIAL INVESTIGATION REPORT (RI)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002564 NONE REPORT NONE 376	11-18-1999 10-12-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT OPERABLE UNIT II FEASIBILITY STUDY (FS) REPORT, TEXT, TABLES, ILLUSTRATIONS AND APPENDIX A, B, C	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0040	

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N00217 / 002565 NONE REPORT NONE 81	11-18-1999 10-12-1992 NONE 00.0	NAVY	RESPONSES TO REGULATORY AGENCY COMMENTS ON DRAFT OPERABLE UNIT II REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0040	
N00217 / 002566 SER 1811WW/L3023 CORRESPONDENC E NONE 17	11-18-1999 10-16-1992 NONE 00.0	NAVFAC - EFA WEST MIGUEL, M. TAKATA, K.	SUBMISSION OF PROPOSED SCHEDULES, PARCELS A, B, C, D, E AND ASSUMPTIONS; INTERIM ACTION SCHEDULES FOR OPERABLE UNIT (OU) II AND GROUP V SITES	ADMIN RECORD	GROUP V OU 0002 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0040	
N00217 / 002570 NONE CORRESPONDENC E NONE 3	11-18-1999 10-20-1992 NONE 00.0	NAVY	SUBMISSION OF MANAGEMENT PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0040	
N00217 / 002573 NONE CORRESPONDENC E NONE 4	11-18-1999 10-21-1992 NONE 00.0	NAVY	HPA RADIATION INVESTIGATION SCHEDULING ASSUMPTIONS AND SCHEDULE	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0040	
N00217 / 003520 NONE REPORT N62474-88-D-5086 110	11-18-1999 11-03-1992 00155 00.0	PRC ENVIRONMENTAL MANAGEMENT G. WELSHANS NAVFAC - EFA WEST W. WONG	DRAFT REPORT, SURFACE CONFIRMATION RADIATION SURVEY (TEXT, FIGURES AND TABLES) [SEE AR #3521 - VOLUME 1 - APPENDICES A AND B; AR #3522 - VOLUME II - APPENDICES C THROUGH E]	ADMIN RECORD	007 009 010 014 015 PARCEL B SITE 00001 SITE 00002 SITE 00003	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0069	

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N00217 / 003521 NONE REPORT N62474-88-D-5086 594	11-18-1999 11-03-1992 00155 00.0	PRC ENVIRONMENTAL MANAGEMENT G. WELSHANS NAVFAC - EFA WEST W. WONG	DRAFT REPORT, SURFACE CONFIRMATION RADIATION SURVEY (VOLUME I - APPENDICES A AND B) [SEE AR #3520 - TEXT, FIGURES AND TABLES; AR #3522 - VOLUME II - APPENDICES C THROUGH E]	ADMIN RECORD	007 009 010 014 015 PARCEL B SITE 00001 SITE 00002 SITE 00003	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0069
N00217 / 003522 NONE REPORT N62474-88-D-5086 406	11-18-1999 11-03-1992 00155 00.0	PRC ENVIRONMENTAL MANAGEMENT G. WELSHANS NAVFAC - EFA WEST W. WONG	DRAFT REPORT, SURFACE CONFIRMATION RADIATION SURVEY (VOLUME II - APPENDICES C THROUGH E) [SEE AR #3520 - TEXT, FIGURES AND TABLES; AR #3521 - VOLUME I - APPENDICES A AND B]	ADMIN RECORD	007 009 010 014 015 PARCEL B SITE 00001 SITE 00002 SITE 00003	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0069
N00217 / 002658 NONE CORRESPONDENC E NONE 16	11-18-1999 11-05-1992 NONE 00.0	HARDING LAWSON ASSOCIATES	NAVY RESPONSES TO REGULATORY AGENCY COMMENTS ON THE DRAFT FINAL ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (WP) [INCLUDES REVISED PAGES OF THE DRAFT FINAL ERA WP DATED 09/09/92] (SEE AR #2653 - DRAFT FINAL WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0042
N00217 / 002659 NONE CORRESPONDENC E NONE 3	11-18-1999 11-05-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL OF RESPONSE TO COMMENTS ON THE DRAFT FINAL ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (WP) AND REVISED PAGES OF THE DRAFT FINAL ERA WP (SEE AR #2658 - RESPONSE TO COMMENTS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0042

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N00217 / 002661 NONE CORRESPONDENC E NONE 3	11-18-1999 11-09-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT G. WELSHANS VARIOUS AGENCIES	SUBMISSION OF RESPONSE TO COMMENTS ON THE DRAFT OPERABLE UNIT (OU) II PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE) REPORT (W/OUT ENCLOSURE) (SEE AR #2660 - RESPONSE TO COMMENTS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_024	181-07-0027 30093199	BOX 0042	
N00217 / 002660 NONE CORRESPONDENC E NONE 58	11-18-1999 11-10-1992 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	RESPONSE TO COMMENTS ON THE DRAFT OPERABLE UNIT (OU) II PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE) REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0042	
N00217 / 002663 NONE CORRESPONDENC E NONE 0	11-18-1999 11-19-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL OF FINAL SUMMARY REPORT OF UST REMOVALS	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 3 - 01/03/06			
N00217 / 002581 NONE REPORT NONE 0	11-18-1999 12-01-1992 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	REMEDIATION INVESTIGATION (RI)/FEASIBILITY STUDY (FS) PLANNING AND IMPLEMENTATION PROJECT MANAGEMENT WORK PLAN (WP) REVISION 2	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-023			
N00217 / 002582 EFAW SER 1811WW/L3107 CORRESPONDENC E NONE 21	11-18-1999 12-04-1992 NONE 00.0	NAVFAC - EFA WEST G. KATZ U.S. EPA - SAN FRANCISCO K. TAKATA	POINT BY POINT RESPONSE TO AGENCIES' COMMENTS, REVISED SCHEDULING ASSUMPTIONS, REVISED SCHEDULES FOR PARCELS A, B, C, D, E	ADMIN RECORD	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_014	181-07-0027 30093199	BOX 0040	

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N00217 / 002834 NONE REPORT NONE 28	11-18-1999 01-13-1993 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	PHASE II - RADIATION INVESTIGATION FINAL FIELD WORK PLAN (WP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0044	
N00217 / 002835 NONE CORRESPONDENC E NONE 3	11-18-1999 01-13-1993 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	SUBMISSION OF PHASE II - RADIATION INVESTIGATION FINAL FIELD WORK PLAN (WP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0044	
N00217 / 002826 NONE CORRESPONDENC E NONE 14	11-18-1999 01-14-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	RESPONSES TO AGENCY COMMENTS ON DRAFT OPERABLE UNIT (OU) II FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002827 NONE CORRESPONDENC E NONE 3	11-18-1999 01-14-1993 NONE 00.0	NAVY	SUBMISSION OF RESPONSES TO AGENCY COMMENTS ON DRAFT OPERABLE UNIT (OU) II FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002590 EFAW SER 1811WR/L3142 CORRESPONDENC E NONE 6	11-18-1999 01-15-1993 NONE 00.0	NAVFAC - EFA WEST L. LEW VARIOUS AGENCIES	RESPONSE TO EPA COMMENTS ON THE FINAL SUMMARY REPORT OF UST REMOVALS (JULY THROUGH OCTOBER 1991), DATED 6 JANUARY 1993	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002830 NONE REPORT NONE 188	11-18-1999 01-15-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT INTERIM - ACTION OPERABLE UNIT (OU) IV ALTERNATIVE SELECTION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	

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N00217 / 002831 NONE CORRESPONDENC E NONE 3	11-18-1999 01-15-1993 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	SUBMISSION OF DRAFT INTERIM - ACTION OPERABLE UNIT (OU) IV ALTERNATIVE SELECTION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0044	
N00217 / 002593 NONE CORRESPONDENC E NONE 11	11-18-1999 01-18-1993 NONE 00.0	NAVY	RESPONSES TO AGENCY COMMENTS DRAFT, TECHNICAL MEMORANDUM (TM), TIDAL INFLUENCE MONITORING	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0040	
N00217 / 002863 NONE REPORT NONE 87	11-18-1999 02-08-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT SUMMARY ALTERNATIVE SELECTION REPORT OPERABLE UNIT II (OU 2)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0044	
N00217 / 002864 NONE CORRESPONDENC E NONE 3	11-18-1999 02-08-1993 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT VARIOUS AGENCIES	SUBMISSION OF DRAFT SUMMARY ALTERNATIVE SELECTION REPORT OPERABLE UNIT (OU) II (SEE AR #3863 - DRAFT SUMMARY ALTERNATIVE SELECTION REPORT)	ADMIN RECORD	OU 0002 PARCEL B	FRC - PERRIS IMAGED HPNT_024	181-07-0027 30093199	BOX 0044	
N00217 / 002838 NONE REPORT N62474-88-D-5086 0	11-18-1999 02-10-1993 00153 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - EFA WEST	DRAFT REMOVAL ACTION PLAN/TANK ABANDONMENT PLAN ADDENDUM (SEE AR #2215 - DRAFT FINAL REMOVAL ACTION/TANK ABANDONMENT PLAN)	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			

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N00217 / 002602 EFAW SER 1811WR/L3187 CORRESPONDENC E NONE 2	11-18-1999 02-12-1993 NONE 00.0	NAVFAC - EFA WEST L. LEW VARIOUS AGENCIES	SUBMISSION OF DRAFT REMOVAL ACTION PLAN/TANK ABANDONMENT PLAN ADDENDUM (W/OUT ENCLOSURE) [SEE AR #2838 - DRAFT REMOVAL ACTION PLAN/TANK ABANDONMENT PLAN ADDENDUM]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002617 NONE CORRESPONDENC E NONE 0	11-18-1999 03-30-1993 NONE 00.0	NAVY	SUBMISSION OF (1) SCHEDULE FOR UST REMOVAL/CLOSURE, (2) FINAL SUMMARY REPORT OF UST REMOVALS	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 3 - 01/03/06			
N00217 / 002618 EFAW SER 1811WR/L3254 CORRESPONDENC E NONE 33	11-18-1999 03-31-1993 NONE 00.0	NAVFAC - EFA WEST L. LEW VARIOUS AGENCIES	SUBMISSION OF RESPONSE TO RWQCB COMMENTS ON THE DRAFT REMOVAL ACTION PLAN/TANK ABANDONMENT PLAN ADDENDUM (UST REMOVALS) [W/ ENCLOSURE]	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002621 NONE CORRESPONDENC E NONE 2	11-18-1999 03-31-1993 NONE 00.0	NAVY	SUBMISSION OF DRAFT IMF SITE REMEDIAL ACTION (RA) DISPOSAL/TREATMENT ALTERNATIVES REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0040	
N00217 / 002623 NONE CORRESPONDENC E NONE 4	11-18-1999 03-31-1993 NONE 00.0	NAVY	SUBMISSION OF DRAFT FOLLOW ON FIELD SAMPLING PLAN (SP) REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) PHASES 2B/3 AND 5/6	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0040	

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N00217 / 002665 NONE CORRESPONDENC E NONE 2	11-18-1999 04-15-1993 NONE 00.0	NAVY	NOTIFICATION OF CHANGE OF SUBMITTAL DATE FOR DRAFT FINAL ALTERNATIVE SELECTION REPORT SUBMITTALS FOR OPERABLE UNIT (OU) II AND IV	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002668 NONE CORRESPONDENC E NONE 6	11-18-1999 04-22-1993 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	RESPONSE TO SUPPLEMENTAL COMMENTS ON DRAFT OPERABLE UNIT (OU) II FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002670 NONE CORRESPONDENC E NONE 3	11-18-1999 04-22-1993 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT WELSHANS, G. VARIOUS AGENCIES	TRANSMITTAL OF RESPONSES TO SUPPLEMENTAL COMMENTS ON THE DRAFT OPERABLE UNIT (OU) PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE) (SEE AR #3669 - RESPONSE TO COMMENTS)	ADMIN RECORD	OU 0002 PARCEL B	FRC - PERRIS IMAGED HPNT_024	181-07-0027 30093199	BOX 0042	
N00217 / 002669 NONE CORRESPONDENC E NONE 43	11-18-1999 04-23-1993 NONE 00.0	NAVFAC - EFA WEST VARIOUS AGENCIES	RESPONSES TO COMMENTS ON THE DRAFT OPERABLE UNIT (OU) PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	OU II PARCEL B	FRC - PERRIS IMAGED HPNT_024	181-07-0027 30093199	BOX 0042	
N00217 / 002672 NONE CORRESPONDENC E NONE 3	11-18-1999 04-23-1993 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT G. WELSHANS VARIOUS AGENCIES	TRANSMITTAL OF DRAFT FINAL INTERIM - ACTION OPERABLE UNIT (OU) IV ALTERNATIVE SELECTION REPORT (W/OUT ENCLOSURE) [SEE AR #2671 - DRAFT FINAL INTERIM ACTION OU IV ALTERNATIVE SELECTION REPORT]	ADMIN RECORD	OU IV PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0042	

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N00217 / 002671 NONE REPORT NONE 305	11-18-1999 04-26-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT FINAL INTERIM - ACTION OPERABLE UNIT (OU) IV ALTERNATIVE SELECTION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0042	
N00217 / 002673 NONE CORRESPONDENC E NONE 28	11-18-1999 05-10-1993 NONE 00.0	NAVY	SUBMITTAL OF MANAGEMENT PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0042	
N00217 / 002678 NONE REPORT NONE 151	11-18-1999 05-14-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT FINAL - INTERIM ACTION OPERABLE UNIT (OU) II SUMMARY ALTERNATIVE SELECTION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0042	
N00217 / 002679 NONE CORRESPONDENC E NONE 3	11-18-1999 05-14-1993 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL OF DRAFT FINAL INTERIM - ACTION OPERABLE UNIT (OU) II SUMMARY ALTERNATIVE SELECTION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0042	
N00217 / 002683 NONE CORRESPONDENC E NONE 2	11-18-1999 06-06-1993 NONE 00.0	NAVY	SURVEY OF MONITORING WELLS AND MAINTENANCE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0042	
N00217 / 002686 NONE CORRESPONDENC E NONE 14	11-18-1999 06-14-1993 NONE 00.0	U.S. EPA	COMMENTS ON FINAL INTERIM - ACTION OPERABLE UNIT (OU) II ASR AND DRAFT OPERABLE UNIT II PUBLIC HEALTH ENVIRONMENTAL EVALUATION (PHEE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0042	

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N00217 / 002925 NONE CORRESPONDENC E NONE 0	11-18-1999 06-24-1993 NONE 00.0	HARDING LAWSON ASSOCIATES C. MICHELSEN NAVFAC - EFA WEST R. RAMOS	PRELIMINARY FINDINGS, SEWER - STORM DRAIN INTERCONNECTION PARCEL A/B BOUNDARY NEAR BUILDING 101 AND 110	ADMIN RECORD	PARCEL A PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002688 NONE CORRESPONDENC E NONE 16	11-18-1999 06-28-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	NAVY RESPONSES TO AGENCY COMMENTS ON DRAFT FINAL INTERIM- ACTION OPERABLE UNIT (OU) IV ALTERNATIVE SELECTION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002689 NONE CORRESPONDENC E NONE 3	11-18-1999 06-28-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	TRANSMITTAL OF NAVY REPOSSES TO AGENCY COMMENTS ON DRAFT FINAL INTERIM-ACTION OPERABLE UNIT (OU) IV ALTERNATE SELECTION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002853 NONE CORRESPONDENC E NONE 32	11-18-1999 08-02-1993 NONE 00.0	CRWQCB	SUBMISSION OF INTERIM SEDIMENT SCREENING CRITERIA AND TESTING REQUIREMENTS FOR WETLAND CREATION AND UPLAND BENEFICIAL REUSE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0044	
N00217 / 002723 NONE CORRESPONDENC E NONE 1	11-18-1999 08-09-1993 NONE 00.0	NAVY	NOTIFICATION OF CHANGE OF SUBMITTAL DATE FOR DRAFT FINAL (INTERIM ACTION) ALTERNATIVE SELECTION REPORT SUBMITTALS FOR OPERABLE UNIT (OU) II	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002733 NONE CORRESPONDENC E NONE 5	11-18-1999 08-12-1993 NONE 00.0	CRWQCB	COMMENTS ON SUPPLEMENTAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) DATA SUBMITTAL AND DATA VALIDATION ANALYSIS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	

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N00217 / 002726 NONE CORRESPONDENC E NONE 25	11-18-1999 08-13-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	NAVY RESPONSES TO AGENCY COMMENTS AND AN ADDENDUM TO THE DRAFT FINAL INTERIM - ACTION OPERABLE UNIT (OU) II SUMMARY ALTERNATIVE SELECTION REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002727 NONE CORRESPONDENC E NONE 3	11-18-1999 08-13-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	SUBMISSION OF NAVY RESPONSES TO AGENCY COMMENTS AND AN ADDENDUM TO THE DRAFT FINAL INTERIM - ACTION OPERABLE UNIT (OU) II SUMMARY ALTERNATIVE SELECTION REPORT (W/OUT ENCLOSURE) [SEE AR #2726 - NAVY RESPONSES TO COMMENTS]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002732 NONE CORRESPONDENC E NONE 2	11-18-1999 08-17-1993 NONE 00.0	DTSC	COMMENTS ON SUPPLEMENTAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) DATA SUBMITTAL AND DATA VALIDATION ANALYSIS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002734 NONE CORRESPONDENC E NONE 2	11-18-1999 08-18-1993 NONE 00.0	DTSC	COMMENTS ON CLEANUP SCHEDULE	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002854 NONE CORRESPONDENC E NONE 7	11-18-1999 08-19-1993 NONE 00.0	CRWQCB B. SMITH NAVFAC - EFA WEST R. RAMOS	COMMENTS BY DHS IN SUPPORT OF INTERAGENCY AGREEMENT FOR RADIOLOGIC ISSUES, PARCEL B DATA PRESENTATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0044	
N00217 / 002843 NONE CORRESPONDENC E NONE 1	11-18-1999 08-26-1993 NONE 00.0	CALF&G	REQUEST FOR SUPPLEMENTAL ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) DATA SUBMITTAL AND DATA VALIDATION ANALYSIS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0044	

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N00217 / 002738 NONE CORRESPONDENC E NONE 52	11-18-1999 08-31-1993 NONE 00.0	U.S. EPA NAVFAC - SOUTHWEST DIVISION	COMMENTS ON ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN (ESAP) DATA	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0043	
N00217 / 002878 NONE CORRESPONDENC E NONE 29	11-18-1999 09-08-1993 NONE 00.0	U.S. EPA R. BLANK NAVFAC - EFA WEST R. RAMOS	COMMENTS ON RADIATION ISSUES AT PA- 18 IN PARCEL B (W/ ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0045	
N00217 / 002844 NONE CORRESPONDENC E NONE 5	11-18-1999 09-09-1993 NONE 00.0	USEPA - SAN FRANCISCO R. BLANK NAVFAC - EFA WEST R. RAMOS	COMMENTS ON THE WORK PLAN FOR RECYCLING SAND-BLASTING GRIT INTO ASPHALT CONCRETE AND COPY OF THE WORK PLAN (W/OUT ENCLOSURE). ***COMMENTS: WORK PLAN FOR RECYCLING SAND-BLASTING GRIT INTO ASPHALT CONCRETE WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS.***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0044	
N00217 / 002896 HLA PROJECT NO. 11400 0706 REPORT NONE 522	11-18-1999 10-22-1993 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT CONSTRUCTION SUMMARY REPORT TANK FARM REMOVAL ACTION	ADMIN RECORD	006 PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0045	
N00217 / 002909 NONE CORRESPONDENC E NONE 10	11-18-1999 11-05-1993 NONE 00.0	NAVY	SUBMISSION OF FEDERAL FACILITY AGREEMENT (FFA) REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) SCHEDULES FOR PARCELS B/DRY DOCK 4 AND C (W/ ENCLOSURE)	ADMIN RECORD	057 DRY DOCK 4 PARCEL B PARCEL C	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0046	

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N00217 / 000127 NONE CORRESPONDENC E N62474-88-D-5086 74	08-30-2000 11-30-1993 00276	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - SOUTHWEST DIVISION	REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) FIELD WORK AND ANALYSIS WORK PLAN	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 002935 NONE REPORT NONE 72	11-18-1999 12-17-1993 NONE 00.0	NAVY	RI WORK PLANS FOR PARCEL B AND C INCLUDING UST SITES MINUTES, ATTENDEES, RI WORK PLANS (WP)	ADMIN RECORD	PARCEL B PARCEL C	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0047	
N00217 / 002936 NONE CORRESPONDENC E NONE 0	11-18-1999 12-29-1993 NONE 00.0	NAVY	SUBMISSION OF RI WORK PLANS FOR PARCEL B AND C INCLUDING UST SITES MINUTES, ATTENDEES, RI WORK PLAN (WP)	ADMIN RECORD	PARCEL B PARCEL C	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 002937 NONE CORRESPONDENC E NONE 6	11-18-1999 12-29-1993 NONE 00.0	U.S. EPA R. SEID NAVFAC - EFA WEST M. MCCLELLAND	COMMENTS ON THE UNDERGROUND UTILITIES SITE INSPECTION (SI) DATA PRESENTATION	ADMIN RECORD	PARCEL B PARCEL C	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0047	
N00217 / 002915 HLA PROJECT NO. 11400 090502 REPORT N62474-88-D-5086 575	11-18-1999 01-11-1994 00142 00.0	HARDING LAWSON ASSOCIATES W. MAST NAVFAC - EFA WEST	DRAFT PARCEL B SITE INSPECTION (SI) REPORT INCLUDING DRY DOCK 4 AREA	ADMIN RECORD	057 DRY DOCK 4 PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0046	

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N00217 / 002950 SER T4AIWM/L4072 CORRESPONDENC E NONE 4	11-18-1999 03-03-1994 NONE 00.0	NAVFAC - EFA WEST H. GEE DISTRIBUTION	PARCEL A/B BOUNDARY INTERFACE MODIFICATION	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0047	
N00217 / 002952 NONE CORRESPONDENC E NONE 11	11-18-1999 03-04-1994 NONE 00.0	U.S. EPA R. SEID NAVFAC - EFA WEST W. MCAVOY	COMMENTS ON THE DRAFT PARCEL B SITE INSPECTION REPORT INCLUDING DRY DOCK 4 AREA (SI)	ADMIN RECORD	057 DRY DOCK 4 PARCEL B	FRC - PERRIS IMAGED HPNT_007	181-07-0027 30093199	BOX 0047	
N00217 / 002970 NONE CORRESPONDENC E NONE 11	11-18-1999 03-04-1994 NONE 00.0	U.S. EPA	COMMENTS ON DRAFT PARCEL B SITE INSPECTION (SI) REPORT (INCLUDING DRY DOCK 4 AREA)	ADMIN RECORD	057 DRY DOCK 4 PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0048	
N00217 / 003008 EFAW SER 09ER1DS/L4288 REPORT N62474-88-D-5086 36	11-18-1999 03-22-1994 00142 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST D. SONG	HEALTH-BASED LEVELS FOR CONTAMINANTS OF POTENTIAL CONCERN (COPC) [INCLUDES EFA WEST TRANSMITTAL LETTER BY R. POWELL]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0050	
N00217 / 002956 NONE CORRESPONDENC E NONE 0	11-18-1999 03-24-1994 NONE 00.0	USEPA - SAN FRANCISCO R. SEID NAVFAC - EFA WEST B. MCAVOY	COMMENTS ON DRAFT CONSTRUCTION SUMMARY REPORT, TANK FARM REMOVAL ACTION DATED 22 OCTOBER 1993	ADMIN RECORD	PARCEL B	CHOICE IMAGING SOLUTIONS SW06022302			
N00217 / 002971 NONE CORRESPONDENC E NONE 0	11-18-1999 03-24-1994 NONE 00.0	US EPA - SAN FRANCISCO	COMMENTS ON THE DRAFT CONSTRUCTION SUMMARY REPORT, TANK FARM REMOVAL ACTION - 22 OCTOBER 1993 (RM)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 4 - 01/03/06			

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N00217 / 002959 NONE CORRESPONDENC E NONE 7	11-18-1999 04-05-1994 NONE 00.0	BATTELLE	SANDBLAST GRIT STUDY MONTHLY PROGRESS REPORT (MPR) NO. 8	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0047	
N00217 / 002962 NONE REPORT NONE 438	11-18-1999 04-08-1994 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT FINAL PARCEL B SITE INSPECTION REPORT (INCLUDING DRY DOCK 4 AREA), VOLUME II - APPENDICES A-M (SEE AR #2961 - VOLUME I)	ADMIN RECORD	057 DRY DOCK 4 PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0047	
N00217 / 002975 NONE CORRESPONDENC E NONE 3	11-18-1999 04-15-1994 NONE 00.0	NAVY	SUBMISSION OF SITE ASSESSMENT REPORT, POTENTIALLY CONTAMINATED SITES, PARCELS B, C, D AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0048	
N00217 / 003027 NONE REPORT NONE 282	11-18-1999 04-15-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	FINAL SITE ASSESSMENT REPORT, POTENTIALLY CONTAMINATED SITES, PARCELS B, C, D, AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0050	
N00217 / 002961 NONE REPORT NONE 179	11-18-1999 04-18-1994 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT FINAL PARCEL B SITE INSPECTION REPORT (INCLUDING DRY DOCK 4 AREA), VOLUME I - TEXTS, TABLES AND PLATES [INCLUDES PUBLIC SUMMARY] (SEE AR #2962 - VOLUME II)	ADMIN RECORD	057 DRY DOCK 4 PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0047	
N00217 / 003180 NONE CORRESPONDENC E NONE 2	11-18-1999 04-19-1994 NONE 00.0	U.S. EPA - SAN FRANCISCO A. MANGELSDORF NAVFAC - EFA WEST R. RAMOS	CLARIFICATION OF RADIATION ISSUES	ADMIN RECORD	PARCEL B PARCEL E SITE 00001 SITE 00002	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	

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N00217 / 002978 NONE CORRESPONDENC E NONE 3	11-18-1999 04-29-1994 NONE 00.0	NAVY	DISTRIBUTION OF BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN (BCP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0048	
N00217 / 003013 EFAW SER 09ER1WM/L4207 CORRESPONDENC E NONE 3	11-18-1999 05-03-1994 NONE 00.0	NAVFAC - EFA WEST R. RAMOS VARIOUS AGENCIES	SUBMISSION OF NOVEMBER 1993 OPERABLE UNIT (OU) II QUARTERLY GROUNDWATER MONITORING DATA (W/OUT ENCLOSURE) (SEE AR #2999 - DRAFT OU II QUARTERLY GROUNDWATER MONITORING DATA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0050	
N00217 / 002999 HLA PROJ NO. 11400 1003 REPORT N62474-88-D-5086 120	11-18-1999 05-04-1994 00244 00.0	HARDING LAWSON ASSOCIATES C. GILMORE NAVFAC - EFA WEST	DRAFT OPERABLE UNIT (OU) II QUARTERLY GROUNDWATER MONITORING - NOVEMBER 1993 DATA SUBMITTAL	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0049	
N00217 / 002998 NONE REPORT N62474-88-D-5086 246	11-18-1999 05-05-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT M. MCLELLAND NAVFAC - EFA WEST R. RAMOS	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN (BCP)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0049	
N00217 / 002992 NONE CORRESPONDENC E NONE 8	11-18-1999 05-18-1994 NONE 00.0	U.S. EPA	COMMENTS ON DRAFT PARCEL B SITE INSPECTION REPORT (SI)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0049	

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N00217 / 002993 NONE CORRESPONDENC E NONE 4	11-18-1999 05-24-1994 NONE 00.0	U.S. EPA	CLEAN COPY OF APPENDIX B, EVALUATION OF NAVY'S PARCEL B PRELIMINARY ASSESSMENT SITE REMEDIAL INVESTIGATION WORK PLANS (PA)(RI)(WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004		181-07-0027 BOX 0049 30093199	
N00217 / 002982 NONE CORRESPONDENC E NONE 3	11-18-1999 05-27-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	TRANSMITTAL, PRELIMINARY DRAFT TECHNICAL MEMORANDUM (TM), INTEGRATION OF FACILITY-WIDE HYDROGEOLOGIC DATA (HPA HYDROGEOLOGIC REPORT): VOLUME I THRU V	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_004		181-07-0027 BOX 0048 30093199	
N00217 / 002983 NONE REPORT N62474-88-D-5086 251	11-18-1999 05-27-1994 00244 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. MCAVOY	PRELIMINARY DRAFT TECHNICAL MEMORANDUM (TM), INTEGRATION OF FACILITY-WIDE HYDROGEOLOGIC DATA (HPA HYDROGEOLOGIC REPORT): VOLUME I OF V - TEXT, APPENDICES, FIGURES AND TABLES (SEE AR #2984 THROUGH 2987 - VOLUME II THROUGH V). ***COMMENTS: AS PER RPM, PAT BROOKS ON 10/06/04, DOCUMENT WAS SUBMITTED TO THE REGULATORS. LEAVE IN THE ADMINISTRATIVE RECORD.***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007		181-07-0027 BOX 0048 30093199	
N00217 / 002984 NONE REPORT N62474-88-D-5086 51	11-18-1999 05-27-1994 00244 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. MCAVOY	PRELIMINARY DRAFT TECHNICAL MEMORANDUM (TM), INTEGRATION OF FACILITY-WIDE HYDROGEOLOGIC DATA (HPA HYDROGEOLOGIC REPORT): VOLUME II OF V - PLATES (SEE AR #2983 - VOLUME I AND 2985 THROUGH 2987 - VOLUME III THROUGH V). ***COMMENTS: AS PER RPM, PAT BROOKS ON 10/06/04, DOCUMENT WAS SUBMITTED TO THE REGULATORS. LEAVE IN THE ADMINISTRATIVE RECORD.***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007		181-07-0027 BOX 0048 30093199	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 002985 NONE REPORT N62474-88-D-5086 218	11-18-1999 05-27-1994 00244 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. MCAVOY	PRELIMINARY DRAFT TECHNICAL MEMORANDUM (TM), INTEGRATION OF FACILITY-WIDE HYDROGEOLOGIC DATA (HPA HYDROGEOLOGIC REPORT): VOLUME III OF V - SOIL PHYSICAL TEST DATA (SEE AR #2983 AND #2984 - VOLUME I AND II, #2986 AND #2987 - VOLUME IV AND V). ***COMMENTS: AS PER RPM, PAT BROOKS ON 10/06/04, DOCUMENT WAS SUBMITTED TO THE REGULATORS. LEAVE IN THE ADMINISTRATIVE RECORD.***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007		181-07-0027 BOX 0048 30093199	
N00217 / 002986 NONE REPORT N62474-88-D-5086 650	11-18-1999 05-27-1994 00244 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. MCAVOY	PRELIMINARY DRAFT TECHNICAL MEMORANDUM (TM), INTEGRATION OF FACILITY-WIDE HYDROGEOLOGIC DATA (HPA HYDROGEOLOGIC REPORT): VOLUME IV OF V - WELL COMPLETION DETAILS VOLUME I (SEE AR #2983 THROUGH 2985 - VOLUME I THROUGH III AND 2987 - VOLUME V). ***COMMENTS: AS PER RPM, PAT BROOKS ON 10/06/04, DOCUMENT WAS SUBMITTED TO THE REGULATORS. LEAVE IN THE ADMINISTRATIVE RECORD.***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007		181-07-0027 BOX 0048 30093199	
N00217 / 002987 NONE REPORT N62474-88-D-5086 571	11-18-1999 05-27-1994 00244 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. MCAVOY	PRELIMINARY DRAFT TECHNICAL MEMORANDUM (TM), INTEGRATION OF FACILITY-WIDE HYDROGEOLOGIC DATA (HPA HYDROGEOLOGIC REPORT): VOLUME V OF V - WELL COMPLETION DETAILS VOLUME II (SEE AR #2983 THROUGH 2986 - VOLUME I THROUGH IV). ***COMMENTS: AS PER RPM, PAT BROOKS ON 10/06/04, DOCUMENT WAS SUBMITTED TO THE REGULATORS. LEAVE IN THE ADMINISTRATIVE RECORD.***	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_007		181-07-0027 BOX 0049 30093199	
N00217 / 003004 NONE MINUTES N62474-88-D-5086 7	11-18-1999 06-13-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT DESMOND, W. NAVFAC - EFA WEST SONG, D.	11 APRIL 1994 MINUTES OF TECHNICAL MEETING, ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008		181-07-0027 BOX 0049 30093199	

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N00217 / 003012 EFAW SER 09ER1DS/L4287 CORRESPONDENC E N62474-88-D-5086 50	11-18-1999 06-21-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT W. DESMOND NAVFAC - EFA WEST D. SONG	EXECUTIVE SUMMARY, PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA) [INCLUDES EFA WEST TRANSMITTAL LETTER BY R. POWELL]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0050	
N00217 / 003005 NONE CORRESPONDENC E NONE 16	11-18-1999 06-23-1994 NONE 00.0	U.S. EPA - SAN FRANCISCO A. MANGELSDORF NAVFAC - EFA WEST R. POWELL	RECOMMENDATIONS REGARDING SUSPECTED DENSE NONE-AQUEOUS PHASE LIQUID (DNAPL) AT PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0050	
N00217 / 003029 NONE CORRESPONDENC E NONE 3	11-18-1999 06-24-1994 NONE 00.0	U.S. EPA - SAN FRANCISCO A. MANGELSDORF NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE FINAL SITE ASSESSMENT REPORT, POTENTIALLY CONTAMINATED SITES PARCELS B, C, D, AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003006 NONE CORRESPONDENC E NONE 2	11-18-1999 06-28-1994 NONE 00.0	U.S. EPA - SAN FRANCISCO A. MANGELSDORF NAVFAC - EFA WEST R. POWELL	COMMENTS ON EXPLORATORY EXCAVATIONS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0050	
N00217 / 003009 NONE CORRESPONDENC E NONE 4	11-18-1999 06-30-1994 NONE 00.0	U.S. EPA - SAN FRANCISCO A. MANGELSDORF NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE FACILITY-WIDE DRAFT HYDROGEOLOGIC TECHNICAL MEMORANDUMS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0050	

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N00217 / 003010 EFAW SER 09ER1WR/L4286 CORRESPONDENC E NONE 3	11-18-1999 06-30-1994 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT FEBRUARY 1994 OPERABLE UNIT (OU) II QUARTERLY GROUNDWATER MONITORING DATA SUBMITTAL (W/OUT ENCLOSURE) (SEE AR #3011 - DRAFT FEBRUARY 1994 OPERABLE UNIT QUARTERLY GROUNDWATER MONITORING DATA SUBMITTAL]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0050	
N00217 / 003011 HLA PROJ NO. 11400 1003 REPORT N62474-88-D-5086 113	11-18-1999 06-30-1994 00244 00.0	HARDING LAWSON ASSOCIATES C. GILMORE NAVFAC - EFA WEST	DRAFT FEBRUARY 1994 OPERABLE UNIT (OU) II QUARTERLY GROUNDWATER MONITORING DATA SUBMITTAL	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0050	
N00217 / 003030 NONE CORRESPONDENC E NONE 2	11-18-1999 07-05-1994 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE FINAL SITE ASSESSMENT REPORT, POTENTIALLY CONTAMINATED SITES PARCELS B, C, D, AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003015 SER 09ER1WR/L4175 CORRESPONDENC E NONE 3	11-18-1999 07-12-1994 NONE 00.0	NAVY	SUBMISSION OF DRAFT SUMMARY REPORT OF PHASE I AND PHASE II UST REMOVALS AND CLOSURES IN PLACE (W/OUT ENCLOSURE) [SEE AR #3016 - DRAFT SUMMARY REPORT]	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0050	
N00217 / 003016 N62474-88-D-5086 REPORT NONE 580	11-18-1999 07-12-1994 00153 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT SUMMARY REPORT OF PHASE I AND PHASE II UST REMOVALS AND CLOSURES IN PLACE	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0050	

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N00217 / 003022 NONE REPORT NONE 93	11-18-1999 07-15-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA) TASK SUMMARY REPORT: VOLUME 1; TASKS 1 AND 2 SUMMARY REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0050	
N00217 / 003023 NONE REPORT NONE 105	11-18-1999 07-15-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA) TASK SUMMARY REPORT: VOLUME 2; TASK 3 SUMMARY REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0050	
N00217 / 003024 NONE REPORT NONE 113	11-18-1999 07-15-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA) TASK SUMMARY REPORT: VOLUME 3; TASKS 4, 5, AND 6 SUMMARY REPORTS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0050	
N00217 / 003036 NONE REPORT NONE 45	11-18-1999 07-15-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA) VOLUME 3A - TASK 4.0 SUMMARY REPORT APPENDICES AND REFERENCES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0051	
N00217 / 003025 NONE REPORT NONE 124	11-18-1999 07-27-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA) TASK SUMMARY REPORT: APPENDICES A THRU W	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0050	
N00217 / 003026 NONE REPORT NONE 88	11-18-1999 07-27-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA) TASK SUMMARY REPORT: APPENDIX X	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0050	

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N00217 / 003021 NONE CORRESPONDENC E NONE 4	11-18-1999 08-02-1994 NONE 00.0	NAVY	SUBMISSION OF PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA) TASK SUMMARY REPORT, VOLUMES 1 THRU 3, APPENDIX A - W, AND APPENDIX X	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0050	
N00217 / 003035 NONE CORRESPONDENC E NONE 2	11-18-1999 08-12-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES VARIOUS AGENCIES	SUBMISSION OF VOLUME III-A, APPENDICES AND REFERENCES FOR TASK 4.0 SUMMARY REPORT, PHASE IA ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-020			
N00217 / 003038 NONE CORRESPONDENC E NONE 0	11-18-1999 08-19-1994 NONE 00.0	ARC	COMMENTS ON DRAFT SUMMARY REPORT OF PHASE I AND PHASE II UST REMOVALS AND CLOSURES IN PLACE	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 4 - 01/03/06			
N00217 / 003042 NONE CORRESPONDENC E NONE 0	11-18-1999 08-26-1994 NONE 00.0	DTSC	AGENCY COMMENTS ON DRAFT SUMMARY REPORT PHASE I AND PHASE II UST REMOVAL AND CLOSURE IN PLACE	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 4 - 01/03/06			
N00217 / 003066 NONE REPORT NONE 88	11-18-1999 09-06-1994 NONE 00.0	HARDING LAWSON ASSOCIATES	PRELIMINARY DRAFT MAY 1994 OPERABLE UNIT (OU) II QUARTERLY GROUNDWATER MONITORING DATA SUBMITTAL, QUARTER 3	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0051	
N00217 / 003051 NONE CORRESPONDENC E NONE 7	11-18-1999 09-28-1994 NONE 00.0	NAVY	REQUEST FOR EXTENSION TO DEADLINE FOR SUBMISSION OF DRAFT FINAL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0051	

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N00217 / 003047 NONE CORRESPONDENC E NONE 12	11-18-1999 10-06-1994 NONE 00.0	U.S. EPA - SAN FRANCISCO S. LAUTH NAVFAC - EFA WEST R. RAMOS	COMMENTS ON THE PHASE 1A ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003048 NONE CORRESPONDENC E NONE 10	11-18-1999 10-06-1994 NONE 00.0	DHS - BERKELEY M. HARNLY NAVFAC - EFA WEST D. SONG	COMMENTS ON THE PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003054 NONE CORRESPONDENC E NONE 4	11-18-1999 10-07-1994 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON PHASE 1A ECOLOGICAL RISK ASSESSMENT REPORTS (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003052 NONE CORRESPONDENC E NONE 0	11-18-1999 10-25-1994 NONE 00.0	NAVY	SUBMISSION OF DRAFT FINAL TANK FARM CONSTRUCTION SUMMARY REPORT WITH RESPONSE TO AGENCY COMMENTS	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BOX 4 - 01/03/06			
N00217 / 003049 EFAW SER 09ER1WM/L5032 CORRESPONDENC E NONE 3	11-18-1999 10-27-1994 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT MAY 1994 OPERABLE UNIT (OU) II QUARTERLY GROUNDWATER MONITORING DATA SUBMITTAL (W/OUT ENCLOSURE) (SEE AR #3050 - DRAFT MAY 1994 OU II QUARTERLY GROUNDWATER MONITORING DATA SUBMITTAL)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	

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N00217 / 003050 HLA PROJ NO. 11400 1003 CORRESPONDENC E N62474-88-D-5086 118	11-18-1999 10-28-1994 00244 00.0	HARDING LAWSON ASSOCIATES C. GILMORE NAVFAC - EFA WEST	DRAFT MAY 1994 OPERABLE UNIT (OU) II QUARTERLY GROUNDWATER MONITORING DATA SUBMITTAL, QUARTER 3	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051
N00217 / 003067 NONE CORRESPONDENC E NONE 18	11-18-1999 11-15-1994 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE PHASE IB ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051
N00217 / 003059 EFAW SER 09ER1DS/L5054 CORRESPONDENC E NONE 8	11-18-1999 11-21-1994 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON FINAL SITE ASSESSMENT REPORT, POTENTIALLY COMTAMINATED SITES PARCELS B, C, D, AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051
N00217 / 003055 EFAW SER 09ER1DS/5060 CORRESPONDENC E NONE 2	11-18-1999 11-23-1994 NONE 00.0	NAVFAC - EFA WEST R. POWELL DTSC - BERKELEY C. SHABAHARI	RESPONSE TO 07 OCTOBER AND 15 NOVEMBER 1994 COMMENTS REGARDING STATUS OF OFF-SHORE AREA	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051
N00217 / 003063 EFAW SER 09ER1/L5054 CORRESPONDENC E NONE 33	11-18-1999 02-01-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	FEDERAL FACILITY AGREEMENT (FFA) - PROPOSED PARCEL SCHEDULES AND ASSUMPTIONS	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051

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N00217 / 003064 EFAW SER 09ERIDS/L5152 CORRESPONDENC E NONE 3	11-18-1999 02-03-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL DTSC - BERKELEY C. SHABAHARI	CONCURRENCE IN USING PRELIMINARY REMEDATION GOALS (PRG) VERSUS HEALTH-BASED LEVELS (HBLS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003068 EFAW SER 09ERIDS/5174 MINUTES NONE 4	11-18-1999 02-21-1995 NONE 00.0	NAVFAC - EFA WEST POWELL, R. VARIOUS AGENCIES	SUBMISSION OF 14 FEBRUARY 1995 MEETING SUMMARY OF PHASE IB ECOLOGICAL RISK ASSESSMENT (ERA) OFFSHORE SAMPLING MEETING (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003069 EFAW SER 09ERIDS/5180 CORRESPONDENC E NONE 3	11-18-1999 02-22-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO S. LAUTH	SUBMISSION OF ELECTRONIC COPIES OF OFFSHORE SEDIMENT CHEMISTRY DATA (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0051	
N00217 / 003228 NONE REPORT N62474-94-D-7609 24	11-18-1999 02-22-1995 00009 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST D. SONG	DRAFT PRELIMINARY ASSESSMENT	ADMIN RECORD	PARCEL B PARCEL F	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003073 NONE REPORT NONE 0	11-18-1999 02-24-1995 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN (BCP), SECOND EDITION	ADMIN RECORD	PARCEL A PARCEL B	BECHTEL NATIONAL PW - 45359676			

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N00217 / 003072 NONE CORRESPONDENC E NONE 61	11-18-1999 02-27-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST M. MCCLELLAND	STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS)	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003071 SER 02/02E/00190 CORRESPONDENC E NONE 1	11-18-1999 03-03-1995 NONE 00.0	NSSC - YORKTOWN D. FARRAND NAVFAC - EFA WEST D. SONG	REQUEST FOR RADIOLOGICAL AFFAIRS SUPPORT OFFICE'S (RASO) POSITION ON POTENTIAL RADIOACTIVE INVESTIGATION DERIVED WASTE AND COMMENTS ON THE TECHNICAL MEMORANDUM FOR NATURALLY OCCURRING RADIOACTIVE MATERIAL	ADMIN RECORD	007 018 PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003227 EFAW SER 1832.1/L6237 CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 03-05-1995 00009 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT PRELIMINARY ASSESSMENT (PA), PARCEL F (W/OUT ENCLOSURE) (SEE AR #3282 - VOLUME I AND 3283 - VOLUME II)	ADMIN RECORD	PARCEL B PARCEL F	FRC - PERRIS IMAGED HPNT_021	181-07-0027 30093199	BOX 0054	
N00217 / 003070 NONE CORRESPONDENC E NONE 0	11-18-1999 03-06-1995 NONE 00.0	NAVY	LOW LEVEL RADIOLOGICAL WASTE (LLRW) DISPOSAL UNDER NAVY CONTROL NO. USN 93-001	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-020			
N00217 / 003074 NONE CORRESPONDENC E NONE 3	11-18-1999 03-13-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	SUBMISSION OF HEALTH-BASED LEVELS MEMORANDUM	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	

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N00217 / 003077 EFAW SER 09ER1DS/L5091 REPORT N62474-88-D-5086 10	11-18-1999 03-20-1995 00155 00.0	PRC ENVIRONMENTAL MANAGEMENT D. PRESTON NAVFAC - EFA WEST D. SONG	TECHNICAL MEMORANDUM (TM), NATURALLY OCCURRING RADIOACTIVE MATERIAL (NORM) IN SOILS [INCLUDES EFA WEST TRANSMITTAL LETTER BY R. POWELL]	ADMIN RECORD	007 018 PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003075 EFAW SER 09ERIDS/L5084 MINUTES NONE 7	11-18-1999 03-21-1995 NONE 00.0	NAVFAC - EFA WEST POWELL, R. VARIOUS AGENCIES	02 FEBRUARY 1995 RADIATION INVESTIGATION MEETING SUMMARY	ADMIN RECORD	PARCEL A PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003082 NONE CORRESPONDENC E NONE 2	11-18-1999 03-22-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	COMMENTS ON THE SUMMARY OF PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) OF OFFSHORE SAMPLING MEETING	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003080 NONE REPORT N62474-88-D-5086 45	11-18-1999 03-27-1995 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT D. PRESTON NAVFAC - EFA WEST D. SONG	DRAFT RESULTS OF SUBSURFACE RADIATION INVESTIGATION, VOLUME I: MAIN REPORT AND APPENDIX A (SEE AR #3081 - VOLUME II)	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003081 NONE REPORT N62474-88-D-5086 66	11-18-1999 03-27-1995 00155 00.0	PRC ENVIRONMENTAL MANAGEMENT D. PRESTON NAVFAC - EFA WEST D.SONG	DRAFT RESULTS OF SUBSURFACE RADIATION INVESTIGATION, VOLUME II: APPENDIX B, SPECIAL FIGURES AND TRENCH LOGS (SEE AR #3080 - VOLUME I)	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	

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N00217 / 003079 EFAW SER 09ERIDS/L5102 CORRESPONDENC E NONE 3	11-18-1999 04-06-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT RESULTS OF SUBSURFACE RADIATION INVESTIGATION (W/OUT ENCLOSURES) (SEE AR #3080 - VOLUME I AND 3081 - VOLUME II)	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003087 NONE CORRESPONDENC E NONE 4	11-18-1999 04-27-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	RESPONSE TO COMMENTS ON THE TECHNICAL MEMORANDUM (TM), NATURALLY OCCURRING RADIOACTIVE MATERIAL IN SOILS	ADMIN RECORD	007 018 PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003088 NONE CORRESPONDENC E NONE 4	11-18-1999 04-28-1995 NONE 00.0	ARC ECOLOGY D. MEYERS NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE RESULTS OF SUBSURFACE RADIATION INVESTIGATION IN PARCELS B AND E	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003124 NONE CORRESPONDENC E NONE 2	11-18-1999 05-30-1995 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST M. MCCLELLAND	REVIEW AND COMMENTS ON RESULTS OF SUBSURFACE RADIATION INVESTIGATION IN PARCELS B AND E, VOLUMES I AND II	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003090 EFAW SER 1832.3/L5139 CORRESPONDENC E NONE 3	11-18-1999 06-07-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT FINAL PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (WP) AND FIELD SAMPLING PLAN (FSP) (SEE AR #3091 - ERA AND 3092 - FSP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	

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N00217 / 003091 NONE REPORT N62474-88-D-5086 174	11-18-1999 06-07-1995 00254 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST D. SONG	DRAFT FINAL WORK PLAN (WP), PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003092 NONE REPORT N62474-88-D-5086 31	11-18-1999 06-07-1995 00254 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST D. SONG	DRAFT FINAL FIELD SAMPLING PLAN (FSP), PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	
N00217 / 003125 NONE CORRESPONDENC E NONE 7	11-18-1999 06-19-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	COMMENTS ON SUBSURFACE RADIATION INVESTIGATION IN PARCELS B AND E	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003106 EFAW SER 1832.3/L5164 CORRESPONDENC E N62474-88-D-5086 3	11-18-1999 06-30-1995 00254 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP), PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (W/OUT ENCLOSURE) (SEE AR #3107 - DRAFT QAPP PHASE 1B ERA WORK PLAN)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003107 NONE REPORT N62474-88-D-5086 219	11-18-1999 07-05-1995 00254 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST D. SONG	DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP) PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	

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N00217 / 003110 NONE CORRESPONDENC E NONE 3	11-18-1999 07-21-1995 NONE 00.0	DHS - BERKELEY A. UJIHARA NAVFAC - EFA WEST D. SONG	COMMENTS ON THE FIELD SAMPLING PLAN (FSP) FOR THE PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003111 NONE CORRESPONDENC E NONE 4	11-18-1999 07-21-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	COMMENTS ON PHASE 1B ECOLOGICAL INVESTIGATION WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003112 NONE CORRESPONDENC E NONE 1	11-18-1999 07-21-1995 NONE 00.0	U.S. EPA - SAN FRANCISCO S. LAUTH NAVFAC - EFA WEST D. SONG	CONFIRMATION OF COMMENTS FOR PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) DRAFT FINAL WORK PLAN (WP) AND FIELD SAMPLING PLAN (SP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003113 NONE CORRESPONDENC E NONE 4	11-18-1999 07-25-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	COMMENTS ON THE PHASE 1B ECOLOGICAL INVESTIGATION WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003100 EFAW SER 1832.2WR/L5195 CORRESPONDENC E NONE 19	11-18-1999 07-31-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF REMOVAL ACTION DOCUMENTATION AT VARIOUS LOCATIONS (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	

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N00217 / 003114 EFAW SER 1832.3/L5202 CORRESPONDENC E NONE 8	11-18-1999 08-07-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE DRAFT PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003132 EFAW SER 1832.1WM/15201 CORRESPONDENC E NONE 3	11-18-1999 08-07-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT ADDENDUM TO THE FACILITY GROUNDWATER MONITORING PLAN FOR PARCELS B, D, AND E (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003115 NONE CORRESPONDENC E NONE 15	11-18-1999 08-10-1995 NONE 00.0	U.S. EPA - SAN FRANCISCO S. LAUTH NAVFAC - EFA WEST D. SONG	COMMENTS ON THE DRAFT FINAL PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (WP), FIELD SAMPLING PLAN (SP) AND QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003116 NONE CORRESPONDENC E NONE 53	11-18-1999 08-15-1995 NONE 00.0	U.S. EPA - SAN FRANCISCO S. LAUTH NAVFAC - EFA WEST D. SONG	COMMENTS ON DRAFT FINAL PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003117 NONE CORRESPONDENC E NONE 8	11-18-1999 08-15-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	COMMENTS ON PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	

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N00217 / 003118 NONE CORRESPONDENC E NONE 5	11-18-1999 08-16-1995 NONE 00.0	DHS - BERKELEY A. UJIHARA NAVFAC - EFA WEST D. SONG	DESCRIPTION OF PLAN FOR SAMPLING FISH FOR PHASE 1B WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003103 EFAW SER 1832.1WM/L5210 CORRESPONDENC E NONE 8	11-18-1999 08-18-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE PRELIMINARY REMEDIATION GOALS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003119 NONE CORRESPONDENC E NONE 29	11-18-1999 08-18-1995 NONE 00.0	NAVY GEE, H. US EPA - SAN FRANCISCO TROMBADORE, C.	INTERIM UPDATE TO THE BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN (BCP) (MARCH 1995)	ADMIN RECORD	PARCEL A PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-020			
N00217 / 003120 EFAW SER 1832.2/L5216 CORRESPONDENC E NONE 7	11-18-1999 08-28-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL DTSC - BERKELEY C. SHABAHARI	REQUEST FOR IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR) FOR THE FOUR PROPOSED REMOVAL ACTIONS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003123 EFAW SER 1832.3/L5222 CORRESPONDENC E NONE 20	11-18-1999 09-01-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE PRELIMINARY DRAFT PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	

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N00217 / 003126 NONE CORRESPONDENC E NONE 2	11-18-1999 09-22-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST W. RADZEVICH	COMMENTS ON THE REMOVAL ACTION (RM) DOCUMENTATION GANT CHARTS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003135 NONE CORRESPONDENC E NONE 2	11-18-1999 09-22-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	CONCERN WITH SEVERAL ISSUES DISCUSSED IN THE 14 SEPTEMBER 1995 REMEDIAL PROJECT MANAGER'S MEETING	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003129 EFAW SER 1832.3/L5236 CORRESPONDENC E N62474-88-D-5086 4	11-18-1999 09-27-1995 00254 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO S. LAUTH	SUBMISSION OF RESPONSE TO AGENCY COMMENTS ON THE DRAFT FINAL WORK PLAN (WP), DRAFT FINAL FIELD SAMPLING PLAN (SP), AND DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP), PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) (W/OUT ENCLOSURE). ***COMMENTS: (SEE AR #3130 - RESPONSE TO COMMENTS)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0052	
N00217 / 003130 NONE CORRESPONDENC E N62474-88-D-5086 490	11-18-1999 09-27-1995 00254 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	PHASE 1B ECOLOGICAL RISK ASSESSMENT - RESPONSE TO AGENCY COMMENTS ON THE DRAFT FINAL WORK PLAN, DRAFT FINAL FIELD SAMPLING PLAN AND DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP). ***COMMENTS: ALSO INCLUDES PHASE 1B ECOLOGICAL RISK ASSESSMENT - FINAL WORK PLAN, FINAL FIELD SAMPLING PLAN AND DRAFT FINAL QUALITY ASSURANCE PROJECT PLAN***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003237 NONE CORRESPONDENC E NONE 2	11-18-1999 10-04-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	RESPONSE TO REQUEST FOR IDENTIFICATION OF STATE ARARS FOR THE PROPOSED FOUR REMOVAL ACTIONS (RM) LETTER	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	

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N00217 / 003138 NONE CORRESPONDENC E NONE 2	11-18-1999 10-05-1995 NONE 00.0	RASO - YORKTOWN D. FARRAND NAVFAC - EFA WEST D. SONG	RESPONSE TO RESPONSE TO COMMENTS ON THE RESULTS OF THE DRAFT SUBSURFACE RADIATION INVESTIGATION IN PARCELS B AND E	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003141 EFAW SER 1832.3/L6017 CORRESPONDENC E NONE 8	11-18-1999 10-19-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL DTSC - BERKELEY C. SHABAHARI	RESPONSE TO COMMENTS (DATED 22 SEPTEMBER 1995) ON THE 14 SEPTEMBER 1995 REMEDIAL PROJECT MANAGERS (RPM)/BASE REALIGNMENT CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003146 NONE CORRESPONDENC E NONE 2	11-18-1999 10-30-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	COMMENTS ON NAVY LETTER; CONCURRENCE ON NO FURTHER INVESTIGATION IS NEEDED FOR BUILDINGS 113, 113A, 114, AND 146	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003181 NONE CORRESPONDENC E NONE 2	11-18-1999 11-06-1995 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	COMMENTS ON NAVY RESPONSES TO DEPARTMENT OF FISH AND GAME COMMENTS FOR DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP) FOR PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003244 NONE REPORT NONE 80	11-18-1999 11-13-1995 NONE 00.0	NAVFAC - EFA WEST	ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), NON-TIME CRITICAL REMOVAL ACTION (RM), TANK FARM IR-6	ADMIN RECORD	006 PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0054	

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N00217 / 003211 NONE REPORT N62474-94-D-7609 350	11-18-1999 11-27-1995 00026 00.0	11-18-1999 11-27-1995 00026 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFT FACILITY-WIDE GROUNDWATER MONITORING PLAN (GWMP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0054
N00217 / 003183 SER EP/HE:4110/03010 CORRESPONDENC E NONE 7	11-18-1999 12-04-1995 NONE 00.0	11-18-1999 12-04-1995 NONE 00.0	NEHC - NORFOLK W. LUTTRELL NAVFAC - EFA WEST D. SONG	COMMENTS ON BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP) PRELIMINARY DRAFT (VOLUMES I AND II)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053
N00217 / 003184 NONE CORRESPONDENC E NONE 3	11-18-1999 12-05-1995 NONE 00.0	11-18-1999 12-05-1995 NONE 00.0	RASO - YORKTOWN D. FARRAND NAVFAC - EFA WEST D. SONG	COMMENTS ON PHASE III RADIATION INVESTIGATION OF FORMER NRDL SITES AND COMPLETION OF THE SURFACE CONFIRMATION RADIATION SURVEY DRAFT FIELD WORK PLAN (WP)	ADMIN RECORD	PARCEL B SITE 00002	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053
N00217 / 003185 NONE REPORT N62474-88-D-5086 210	11-18-1999 12-11-1995 00310 00.0	11-18-1999 12-11-1995 00310 00.0	PRC ENVIRONMENTAL MANAGEMENT SICKLES, J. NAVFAC - EFA WEST POWELL, R.	DRAFT BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	BASEWIDE PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-024		
N00217 / 003186 NONE REPORT N62474-88-D-5086 0	11-18-1999 12-11-1995 00310 00.0	11-18-1999 12-11-1995 00310 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVY	BASEWIDE QUALITY ASSURANCE PROJECT PLAN, APPENDICES (QAPP)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-024		

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N00217 / 003207 EFAW SER 1832.1/L6046 CORRESPONDENC E NONE 6	11-18-1999 12-12-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF RESPONSES TO COMMENTS ON THE PARCEL B HUMAN RISK ASSESSMENT (HHRA) APPROACH (W/ ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053
N00217 / 001414 NONE CORRESPONDENC E NONE 2	09-17-2008 12-14-1995 NONE	US EPA - SAN FRANCISCO LAUTH, S. NAVFAC - EFA WEST MCCLELLAND, M.	REITERATION OF POSITION ON THE HUMAN HEALTH RISK ASSESSMENT (HHRA) APPROACH	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 003188 EFAW SER 1832.3/L6052 CORRESPONDENC E NONE 3	11-18-1999 12-18-1995 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP) - 19 DECEMBER 1995 (W/OUT ENCLOSURE) [SEE AR #3185 - DRAFT BASEWIDE QAPP]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0053
N00217 / 003206 NONE REPORT N62474-88-D-5086 201	11-18-1999 01-01-1996 00310 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFT UPDATED COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053
N00217 / 003191 SER EP/WE:4119/03424 CORRESPONDENC E NONE 7	11-18-1999 01-02-1996 NONE 00.0	NEHC - NORFOLK W. LUTTRELL NAVFAC - EFA WEST D. SONG	RESPONSE TO COMMENTS ON THE PRELIMINARY DRAFT BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053

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N00217 / 003192 NONE REPORT NONE 16	11-18-1999 01-03-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO S. LAUTH NAVFAC - EFA WEST D. SONG	ENVIRONMENTAL PROTECTION AGENCY (EPA) FIELD AND LABORATORY AUDIT REPORTS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003193 NONE CORRESPONDENCE NONE 2	11-18-1999 01-05-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON REVISED PHASE 1B ECOLOGICAL INVESTIGATION VARIANCE FOR K2 AND K3 SAMPLING LOCATIONS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003194 EFAW SER 1832.3/6070 CORRESPONDENCE NONE 5	11-18-1999 01-08-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	FIELD VARIANCE PROPOSAL FOR THE PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) FIELD SAMPLING PLAN (FSP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003391 NONE CORRESPONDENCE NONE 10	11-18-1999 01-08-1996 NONE 00.0	US EPA - SAN FRANCISCO LAUTH, S. DTSC SHABAHARI, C.	COMMENTS ON THE DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR EXPLORATORY EXCAVATION SITES AND THE TANK FARM IR-6	ADMIN RECORD	006 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003			
N00217 / 003160 EFAW SER 1832.6076 CORRESPONDENCE NONE 15	11-18-1999 01-11-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSES TO COMMENTS ON THE DRAFT RESULTS OF THE SUBSURFACE RADIATION INVESTIGATION IN PARCELS B AND E	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	

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N00217 / 003216 EFAW SER 1832.3/6074 CORRESPONDENC E NONE 4	11-18-1999 01-11-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE FIELD DEMONSTRATION REPORT AND TECHNOLOGY TRANSFER REPORT ON SANDBLASTING GRIT RECYCLING PROJECT (SEE AR #3217 - FIELD DEMONSTRATION REPORT, VOLUME I AND 3218 - FIELD DEMONSTRATION REPORT, VOLUME II)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0054
N00217 / 003217 NONE REPORT NONE 301	11-18-1999 01-11-1996 NONE 00.0	BATTELLE J. MEANS NFESC PORT HUENEME J. HEATH	FIELD DEMONSTRATION REPORT ON RECYCLING SPENT SANDBLASTING GRIT INTO ASPHALTIC CONCRETE, VOLUME I, FIELD DEMONSTRATION TEST METHODS, RESULTS, AND CONCLUSIONS (SEE AR #3218 - FIELD DEMONSTRATION REPORT, VOLUME II). ***COMMENTS: PER RPM, P. BROOKS ON 01/11/05, THIS DOCUMENT PERTAINS TO HUNTERS POINT.***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0054
N00217 / 003197 NONE CORRESPONDENC E NONE 1	11-18-1999 01-23-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST D. SONG	RESPONSE TO COMMENTS ON THE SUBSURFACE RADIATION INVESTIGATION IN PARCELS B AND E, VOLUMES I AND II	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053
N00217 / 003198 NONE CORRESPONDENC E NONE 5	11-18-1999 01-29-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST D. SONG	COMMENTS ON THE DRAFT BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053
N00217 / 003162 NONE CORRESPONDENC E N62474-94-D-7609 1	11-18-1999 01-31-1996 00011 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO LAUTH, S.	SUBMISSION OF DRAFT PARCEL B REMEDIAL INVESTIGATION (RI) REPORT, VOLUMES 1 THROUGH 16	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-023		

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N00217 / 003175 NONE REPORT N62474-94-D-7609 1474	11-18-1999 01-31-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XIII OF XVIII - APPENDIX N (VOLUMES I THROUGH XII ARE MISSING. IT COULD NOT BE DETERMINED WETHER THESE VOLUMES ARE MISSING OR THE DRAFT REPORT WAS CONVERTED TO A DRAFT FINAL). ***COMMENTS: [SEE AR #3176 - VOLUME XIV, AR #3177 - VOLUME XV, AR #3208 THROUGH AR #3210 - VOLUME XVI THROUGH XVIII] {DRAFT FINAL IS FILED AT AR #3163 THROUGH AR #3174, AR #3689 AND AR #3690}***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_031	181-07-0027 30093199	BOX 0091	
N00217 / 003176 NONE REPORT N62474-94-D-7609 866	11-18-1999 01-31-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XIV OF XVIII - APPENDIX N (VOLUMES I THROUGH XII ARE MISSING. IT COULD NOT BE DETERMINED WETHER THESE VOLUMES ARE MISSING OR THE DRAFT REPORT WAS CONVERTED TO A DRAFT FINAL). ***COMMENTS: [SEE AR #3175 - VOLUME XIII, AR #3177 - VOLUME XV, AR #3208 THROUGH AR #3210 - VOLUME XVI THROUGH XVIII] {DRAFT FINAL IS FILED AT AR #3163 THROUGH AR #3174, AR #3689 AND AR #3690}***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_031	181-07-0027 30093199	BOX 0091	
N00217 / 003177 NONE REPORT N62474-94-D-7609 118	11-18-1999 01-31-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XV OF XVIII - APPENDIX O (VOLUMES I THROUGH XII ARE MISSING. IT COULD NOT BE DETERMINED WETHER THESE VOLUMES ARE MISSING OR THE DRAFT REPORT WAS CONVERTED TO A DRAFT FINAL). ***COMMENTS: [SEE AR #3175 - VOLUME XIII AR #3176 - VOLUME XIV, AR #3208 THROUGH AR #3210 - VOLUME XVI THROUGH XVIII] {DRAFT FINAL IS FILED AT AR #3163 THROUGH AR #3174, AR #3689 AND AR #3690}***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0053	
N00217 / 003200 NONE CORRESPONDENC E NONE 24	11-18-1999 02-08-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	RESPONSE TO RESPONSE TO COMMENTS ON THE RESULTS OF SUBSURFACE RADIATION INVESTIGATION ON PARCELS B AND E	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	

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N00217 / 003202 NONE CORRESPONDENC E NONE 3	11-18-1999 02-13-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST D. SONG	COMMENTS ON THE DRAFT FIELD DEMONSTRATION REPORT (VOLUME I) AND TECHNOLOGY TRANSFER REPORT (VOLUME II) ON RECYCLING SANDBLAST GRIT INTO ASPHALTIC CONCRETE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003203 NONE CORRESPONDENC E NONE 2	11-18-1999 02-13-1996 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT S. CRAFT CRWQCB - OAKLAND R. HIETT	SUBMISSION OF COPY OF THE DRAFT UPDATED COMMUNITY RELATIONS PLAN (CRP) - JANUARY 1996 (W/OUT ENCLOSURE) (SEE AR #3206 - DRAFT UPDATED CRP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003204 NONE CORRESPONDENC E NONE 2	11-18-1999 02-13-1996 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT S. CRAFT U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF COPY OF THE DRAFT UPDATED COMMUNITY RELATIONS PLAN (CRP) - JANUARY 1996 (W/OUT ENCLOSURE) (SEE AR #3206 - DRAFT UPDATED CRP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003205 NONE CORRESPONDENC E NONE 2	11-18-1999 02-13-1996 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT S. CRAFT DTSC - BERKELEY C. SHABAHARI	SUBMISSION OF COPY OF THE DRAFT UPDATED COMMUNITY RELATIONS PLAN (CRP) - JANUARY 1996 (W/OUT ENCLOSURE) (SEE AR #3206 - DRAFT UPDATED CRP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0053	
N00217 / 003190 SER 1832.1/L6107 CORRESPONDENC E NONE 5	11-18-1999 02-15-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO S. LAUTH	SUBMISSION OF PUBLIC SUMMARY, PARCEL B DRAFT REMEDIAL INVESTIGATIONS (RI) REPORT (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-024			

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N00217 / 003219 NONE CORRESPONDENC E NONE 1	11-18-1999 02-15-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO S. LAUTH NAVFAC - EFA WEST D. SONG	COMMENTS ON FIELD VARIANCE ON THE PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003226 NONE REPORT N62474-88-D-5086 54	11-18-1999 02-15-1996 00285 00.0	PRC ENVIRONMENTAL MANAGEMENT D. PRESTON NAVFAC - EFA WEST D. SONG	DRAFT FIELD WORK PLAN PHASE III RADIATION INVESTIGATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003220 EFAW SER 1832.3/L6117 CORRESPONDENC E NONE 7	11-18-1999 02-20-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL MAYOR'S OFFICE - SAN FRANCISCO P. DAVID	REQUEST FOR IDENTIFICATION OF COMMUNITY CONCERNS AND INFORMATION NEEDS FOR THE UPDATED COMMUNITY RELATIONS PLAN (CRP) (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003221 EFAW SER 1832.1/L6119 CORRESPONDENC E NONE 7	11-18-1999 02-20-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL REDEVELOPEMEN T AGENCY - SF B. RHETT	REQUEST FOR IDENTIFICATION OF COMMUNITY CONCERNS AND INFORMATION NEEDS FOR THE UPDATED COMMUNITY RELATIONS PLAN (CRP) (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003222 EFAW SER 1832.3/L6118 CORRESPONDENC E NONE 7	11-18-1999 02-20-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL DPH - SAN FRANCISCO A. BROWNELL	REQUEST FOR IDENTIFICATION OF COMMUNITY CONCERNS AND INFORMATION NEEDS FOR THE UPDATED COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	

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N00217 / 003223 EFAW SER 1832.3/L6116 CORRESPONDENC E NONE 7	11-18-1999 02-20-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL PAO - SAN FRANCISCO S. MURRAY	REQUEST FOR IDENTIFICATION OF COMMUNITY CONCERNS AND INFORMATION NEEDS FOR THE UPDATED COMMUNITY RELATIONS PLAN (CRP) (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054
N00217 / 003225 EFAW SER 1832.3/L6120 CORRESPONDENC E N62474-88-D-5086 3	11-18-1999 02-20-1996 00285 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT FIELD WORK PLAN (WP) PHASE III RADIATION INVESTIGATION (W/OUT ENCLOSURE) (SEE AR #3226 - WORK PLAN)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054
N00217 / 003208 NONE REPORT N62474-94-D-7609 791	11-18-1999 02-27-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XVI OF XVIII - APPENDIX P (VOLUMES I THROUGH XII ARE MISSING. IT COULD NOT BE DETERMINED WETHER THESE VOLUMES ARE MISSING OR THE DRAFT REPORT WAS CONVERTED TO A DRAFT FINAL). ***COMMENTS: [SEE AR #3175 - THROUGH AR #3177 - VOLUME XIII THROUGH VOLUME XV, AR #3209 THROUGH AR #3210 - VOLUME XVII THROUGH XVIII] {DRAFT FINAL IS FILED AT AR #3163 THROUGH AR #3174, AR #3689 AND AR #3690}***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0053
N00217 / 003209 NONE REPORT N62474-94-D-7609 1100	11-18-1999 02-27-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XVII OF XVIII - APPENDIX P (VOLUMES I THROUGH XII ARE MISSING. IT COULD NOT BE DETERMINED WETHER THESE VOLUMES ARE MISSING OR THE DRAFT REPORT WAS CONVERTED TO A DRAFT FINAL). ***COMMENTS: [SEE AR #3175 - THROUGH AR #3177 - VOLUME XIII THROUGH VOLUME XV, AR #3208 - VOLUME XVI, AR #3210 - XVIII] {DRAFT FINAL IS FILED AT AR #3163 THROUGH AR #3174, AR #3689 AND AR #3690}***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030	181-07-0027 30093199	BOX 0092

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N00217 / 003210 NONE REPORT N62474-94-D-7609 160	11-18-1999 02-27-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XVIII OF XVIII - APPENDIX P (VOLUMES I THROUGH XII ARE MISSING. IT COULD NOT BE DETERMINED WETHER THESE VOLUMES ARE MISSING OR THE DRAFT REPORT WAS CONVERTED TO A DRAFT FINAL). ***COMMENTS: [SEE AR #3175 - THROUGH AR #3177 - VOLUME XIII THROUGH VOLUME XV, AR #3208 - VOLUME XVI, AR #3209 - VOLUME XVII] {DRAFT FINAL IS FILED AT AR #3163 THROUGH AR #3174, AR #3689 AND AR #3690}***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0054	
N00217 / 003213 NONE REPORT N62474-94-D-7609 118	11-18-1999 02-29-1996 00007 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. MCAVOY	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), REMOVAL ACTION (RM) DOCUMENTATION FOR EXPLORATORY EXCAVATION SITES [INCLUDES PUBLIC SUMMARY AND RESPONSE TO COMMENTS]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0054	
N00217 / 003229 EFAW SER 1832.3/L6135 CORRESPONDENC E NONE 16	11-18-1999 03-07-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL DTSC - BERKELEY C. SHABAHARI	PROPOSAL TO DISPOSE OF INVESTIGATIVE DERIVED WASTE (IDW) (W/ ENCLOSURES). ***COMMENTS: ENCLOSURES 1) U.S. EPA LETTER DATED 10/24/94 2) USN LETTER DATED 03/27/95 W/ ENCLOSED TECHNICAL MEMORANDUM, NATURALLY OCCURING RADIOACTIVE MATERIAL IN SOILS DATED 03/20/95 3) DTSC LETTER DATED 04/27/95***	ADMIN RECORD	007 018 PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003212 EFAW SER 1832.1/L6148 CORRESPONDENC E NONE 4	11-18-1999 03-12-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	PUBLIC SUMMARY OF THE EXPLORATORY EXCAVATION REMOVAL ACTION (RM), ENGINEERING EVALUATION AND COST ANALYSIS (EE/CA) REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0054	

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N00217 / 003240 EFAW SER 1831/L6137 CORRESPONDENC E NONE 3	11-18-1999 03-18-1996 NONE 00.0	NAVFAC - EFA WEST H. GEE VARIOUS AGENCIES	SUBMISSION OF MARCH 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN (BCP) (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003406 NONE CORRESPONDENC E NONE 45	11-18-1999 03-18-1996 NONE 00.0	USEPA - SAN FRANCISCO S. LAUTH NAVFAC - EFA WEST R. POWELL	SUBMISSION OF COMMENTS ON THE DRAFT PARCEL B REMEDIAL INVESTIGATION (RI) REPORT (W/ ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0058	
N00217 / 003214 NONE REPORT N62474-94-D-7609 99	11-18-1999 03-21-1996 00007 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. MCAVOY	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), REMOVAL ACTION (RM) DOCUMENTATION FOR EXPLORATORY EXCAVATION SITES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0054	
N00217 / 003230 NONE CORRESPONDENC E NONE 3	11-18-1999 03-21-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST D. SONG	SUBMITTAL OF DHS COMMENTS ON THE PROPOSAL TO DISPOSE OF INVESTIGATIVE DERIVED WASTE (IDW) (W/ ENCLOSURE)	ADMIN RECORD	007 018 PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003231 NONE CORRESPONDENC E NONE 2	11-18-1999 03-22-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST D. SONG	COMMENTS ON THE PHASE III RADIATION INVESTIGATION DRAFT FIELD WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	

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N00217 / 003232 NONE CORRESPONDENC E NONE 6	11-18-1999 03-25-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE PHASE III RADIATION INVESTIGATION DRAFT FIELD WORK PLAN (WP) (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003252 EFAW SER 1832.3/L6158 REPORT NONE 10	11-18-1999 03-26-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF FEBRUARY 1996 MONTHLY PROGRESS REPORT (MPR) (W/ ENCLOSURE)	ADMIN RECORD	006 009 PARCEL B PARCEL C PARCEL E SITE 00002	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0055	
N00217 / 003215 EFAW SER 1832/L6159 CORRESPONDENC E NONE 5	11-18-1999 03-28-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL DTSC - BERKELEY C. SHABAHARI	AMBIENT LEVEL CALCULATIONS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0054	
N00217 / 003253 EFAW SER 1832.3/L6161 CORRESPONDENC E N62474-88-D-5086 8	11-18-1999 03-28-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	SUBMISSION OF RESPONSE TO COMMENTS ON THE DRAFT FIELD DEMONSTRATION REPORT (VOLUME I) AND TECHNOLOGY TRANSFER REPORT (VOLUME II) ON RECYCLING SANDBLAST GRIT INTO ASPHALTIC CONCRETE (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0055	
N00217 / 003233 NONE CORRESPONDENC E NONE 8	11-18-1999 03-29-1996 NONE 00.0	US EPA - SAN FRANCISCO COOK, A. NAVFAC - EFA WEST SONG, D.	COMMENTS ON DRAFT UPDATED COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	

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N00217 / 003234 NONE REPORT N62474-94-D-7609 383	11-18-1999 04-05-1996 00026 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	FINAL FACILITY-WIDE GROUNDWATER MONITORING PLAN [INCLUDES PUBLIC SUMMARY]	ADMIN RECORD	BASEWIDE PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003241 SER 1832.2/L6171 CORRESPONDENC E N62474-94-D-7609 2	11-18-1999 04-05-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), STORM DRAIN SYSTEM - 05 APRIL 1996 (W/OUT ENCLOSURE) [SEE AR #3242 - DRAFT EE/CA STORM DRAIN SYSTEM]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0054	
N00217 / 003242 NONE REPORT N62474-94-D-7609 324	11-18-1999 04-05-1996 00007 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), STORM DRAIN SYSTEM	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0054	
N00217 / 003279 NONE REPORT NONE 150	11-18-1999 04-08-1996 NONE 00.0	NAVY	ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), NON-TIME CRITICAL REMOVAL ACTION (RM), TANK FARM IR-6	ADMIN RECORD	006 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 003243 EFAW SER 1832.1/L6183 CORRESPONDENC E NONE 2	11-18-1999 04-25-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	PROPOSED REVISIONS TO THE FEDERAL FACILITY AGREEMENT (FFA), PARCEL B SCHEDULE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	

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N00217 / 003259 NONE CORRESPONDENC E NONE 3	11-18-1999 04-26-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0055	
N00217 / 003260 NONE CORRESPONDENC E NONE 2	11-18-1999 04-26-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF FINAL FACILITY-WIDE GROUNDWATER MONITORING PLAN (W/OUT ENCLOSURE) (SEE AR #3234 - FINAL MONITORING PLAN)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0055	
N00217 / 003245 NONE CORRESPONDENC E NONE 2	11-18-1999 05-01-1996 NONE 00.0	US EPA - SAN FRANCISCO COOK, A. NAVFAC - EFA WEST POWELL, R.	RESPONSE TO 25 APRIL 1996 REQUEST FOR EXTENSION FOR SUBMITTAL OF THE DRAFT FINAL PARCEL B REMEDIAL INVESTIGATION (RI) REPORT AND THE DRAFT PARCEL B FEASIBILITY STUDY (FS) REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0054	
N00217 / 003285 NONE REPORT N62474-88-D-5086 132	11-18-1999 05-01-1996 00310 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0055	
N00217 / 003246 NONE CORRESPONDENC E NONE 8	11-18-1999 05-06-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) - STORM DRAIN SYSTEM	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0054	
N00217 / 003265 NONE CORRESPONDENC E NONE 5	11-18-1999 05-08-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) STORM DRAIN SYSTEM	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0055	

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N00217 / 003250 HLA PROJ NO. 11400 1442 REPORT N62474-88-D-5086 148	11-18-1999 05-10-1996 00276 00.0	HARDING LAWSON ASSOCIATES M. TARASZKI NAVFAC - EFA WEST	DRAFT STUDY OF GROUNDWATER SAMPLING METHODS FOR METALS, TECHNICAL MEMORANDUM (TM)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0055	
N00217 / 003249 EFAW SER 1832.2/L6210 CORRESPONDENC E N62474-88-D-5086 2	11-18-1999 05-16-1996 00276 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	SUBMISSION OF DRAFT STUDY OF GROUNDWATER SAMPLING METHODS FOR METALS, TECHNICAL MEMORANDUM (TM) (W/OUT ENCLOSURE) (SEE AR #3250 - TECHNICAL MEMORANDUM)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0055	
N00217 / 003270 NONE REPORT N62474-88-D-5086 443	11-18-1999 05-20-1996 00243 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - EFA WEST W. MCAVOY	FINAL DRAFT REPORT, AIR MONITORING PROJECT, VOLUME I - AMBIENT AIR MONITORING (APPENDICES A-L WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS) (VOLUME I-II OF II) (SEE AR #3271 - VOLUME II)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0055	
N00217 / 003271 NONE REPORT N62474-88-D-5086 203	11-18-1999 05-20-1996 00243 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - EFA WEST W. MCAVOY	FINAL DRAFT REPORT, AIR MONITORING PROJECT, VOLUME II - BASELINE EMISSIONS ESTIMATES (VOLUME I-II OF II) (SEE AR #3270 - VOLUME I)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0055	
N00217 / 003272 NONE CORRESPONDENC E N62474-88-D-5086 13	11-18-1999 05-20-1996 00243 00.0	NAVY US EPA - SAN FRANCISCO	RESPONSE TO COMMENTS ON THE DRAFT AIR MONITORING REPORT - 06 JANUARY 1996	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-002			

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N00217 / 003269 EFAW SER 1832.1/L6220 CORRESPONDENC E N62474-88-D-5086 3	11-18-1999 05-21-1996 00243 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT FINAL REPORT AIR MONITORING PROJECT, VOLUME I-II OF II, RESPONSE TO COMMENTS ON DRAFT AIR MONITORING REPORT AND DRAFT AMBIENT AIR SAMPLING WORK PLAN. ***COMMENTS: SEE AR #3270 AND 3271 - DRAFT FINAL AIR MONITORING PROJECT, VOLUMES I AND II; 3272 - RESPONSE TO COMMENTS ON THE DRAFT AIR MONITORING REPORT; AND 3273 - DRAFT AMBIENT AIR SAMPLING WORK PLAN***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0055	
N00217 / 003268 HLA PROJ NO. 11400 1004 REPORT N62474-88-D-5086 437	11-18-1999 05-22-1996 00244 00.0	HARDING LAWSON ASSOCIATES J. FENTON NAVFAC - EFA WEST R. POWELL	DRAFT OPERABLE UNIT II (OU2) ANNUAL GROUNDWATER MONITORING REPORT [INCLUDES PUBLIC SUMMARY]	ADMIN RECORD	006 008 009 010 PARCEL B PARCEL D	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0055	
N00217 / 003273 NONE REPORT N62474-94-D-7609 20	11-18-1999 05-22-1996 0005A 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. MCAVOY	DRAFT AMBIENT AIR SAMPLING WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0055	
N00217 / 003274 EFAW SER 1832.2/L6225 CORRESPONDENC E NONE 2	11-18-1999 05-24-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) STORM DRAIN SYSTEM (W/OUT ENCLOSURE) (SEE AR #3275 - DRAFT FINAL EE/CA)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0055	
N00217 / 003275 EFAW SER 1832.2/L6225 REPORT N62474-94-D-7609 138	11-18-1999 05-24-1996 00007 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. RADZEVICH	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) STORM DRAIN SYSTEM (INCLUDES EFAW TRANSMITTAL LETTER BY R. POWELL)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0055	

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N00217 / 003321 NONE CORRESPONDENC E NONE 2	11-18-1999 05-24-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO COOK, A.	SUBMISSION OF DRAFT FINAL INSTALLATION SPECIFIC QUALITY ASURANCE PROJECT PLAN (QAPP) ELEMENTS - 24 MAY 1996	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022			
N00217 / 003276 NONE CORRESPONDENC E NONE 1	11-18-1999 05-30-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO COOK, A.	SUBMISSION OF DRAFT FINAL PARCEL B REMEDIAL INVESTIGATION REPORT, VOLUMES 1 THROUGH 16 (REVISED SHEETS)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-024			
N00217 / 003277 NONE CORRESPONDENC E NONE 2	11-18-1999 05-30-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	SUBMISSION OF DRAFT PARCEL B FEASIBILITY STUDY (FS), VOLUMES 1 AND 2	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0055	
N00217 / 003278 EFAW SER 1832.1/L6239 CORRESPONDENC E NONE 3	11-18-1999 05-30-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF PUBLIC SUMMARY, DRAFT PARCEL B FEASIBILITY STUDY (FS), VOLUMES 1-2 OF 2 (W/OUT ENCLOSURE) (SEE AR #3291 - PUBLIC SUMMARY)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_021	181-07-0027 30093199	BOX 0055	
N00217 / 003163 NONE REPORT N62474-94-D-7609 159	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME I OF XIV - TEXT AND TABLES. ***COMMENTS: (SEE AR #3164 THROUGH AR #3167 - VOLUMES II - V, AR #3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV) [SEE AR #3358 - RESPONSE TO COMMENTS ON THE DRAFT FINAL REPORT AND REVISED PAGES FOR APPENDIX N]***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030	181-07-0027 30093199	BOX 0089	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003164 NONE REPORT N62474-94-D-7609 766	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME II OF XIV - TEXT AND TABLES. ***COMMENTS: (SEE AR #3163 - VOLUME I, AR #3165 THROUGH AR #3167 - VOLUMES III - V, AR #3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030	181-07-0027 30093199	BOX 0089	
N00217 / 003165 NONE REPORT N62474-94-D-7609 1465	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME III OF XIV - TABLES. ***COMMENTS: (SEE AR #3163 THROUGH AR #3164 - VOLUME I - II, AR #3166 THROUGH AR #3167 - VOLUMES IV - V, AR #3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030	181-07-0027 30093199	BOX 0089	
N00217 / 003166 NONE REPORT N62474-94-D-7609 81	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME IV OF XIV - FIGURES. ***COMMENTS: (SEE AR #3163 THROUGH AR #3165 - VOLUMES I - III, AR #3167 - VOLUME V, AR #3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030	181-07-0027 30093199	BOX 0089	
N00217 / 003167 NONE REPORT N62474-94-D-7609 80	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME V OF XIV - FIGURES. ***COMMENTS: (SEE AR #3163 THROUGH AR #3166 - VOLUMES I - IV, AR #3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030	181-07-0027 30093199	BOX 0090	

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N00217 / 003168 NONE REPORT N62474-94-D-7609 373	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XIII OF XIV - APPENDIX N. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR # 3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030		181-07-0027 30093199	BOX 0090
N00217 / 003169 NONE REPORT N62474-94-D-7609 1299	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XII OF XIV - APPENDIX N. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR # 3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030		181-07-0027 30093199	BOX 0090
N00217 / 003170 NONE REPORT N62474-94-D-7609 969	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XI OF XIV - APPENDIX N. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR # 3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030		181-07-0027 30093199	BOX 0090
N00217 / 003171 NONE REPORT N62474-94-D-7609 803	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME VII OF XIV - APPENDICES J, K, L. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR # 3689 - VOLUME VI, AR #3172 THROUGH AR #3174 - VOLUMES VIII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030		181-07-0027 30093199	BOX 0090
N00217 / 003172 NONE REPORT N62474-94-D-7609 1115	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME VIII OF XIV - APPENDIX M. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR # 3689 - VOLUME VI, AR #3171 - VOLUME VII, AR #3173 THROUGH AR #3174 - VOLUMES IX - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030		181-07-0027 30093199	BOX 0091

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N00217 / 003173 NONE REPORT N62474-94-D-7609 351	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME IX OF XIV - APPENDIX M. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR # 3689 - VOLUME VI, AR #3171 THROUGH AR #3172 - VOLUMES VII - VIII, AR #3174 - VOLUME X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030		181-07-0027 30093199	BOX 0091
N00217 / 003174 NONE REPORT N62474-94-D-7609 31	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME X OF XIV - APPENDIX N. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR # 3689 - VOLUME VI, AR #3171 THROUGH AR #3173 - VOLUMES VII - IX, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030		181-07-0027 30093199	BOX 0091
N00217 / 003282 NONE REPORT N62474-94-D-7609 381	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFT PARCEL B FEASIBILITY STUDY (FS), VOLUME I - TEXT (VOLUME I-II OF II) (SEE AR #3283 - VOLUME II)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_021		181-07-0027 30093199	BOX 0055
N00217 / 003283 NONE REPORT N62474-94-D-7609 310	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFTFEASIBILITY STUDY (FS), VOLUME II - APPENDICES (VOLUME II OF II, SEE AR #3282 - VOLUME I)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_021		181-07-0027 30093199	BOX 0055
N00217 / 003689 NONE REPORT N62474-94-D-7609 1284	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME VI OF XIV - APPENDICES A THROUGH I. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AR #3168 - VOLUME XIII, AND AR #3690 - VOLUME XIV)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030		181-07-0027 30093199	BOX 0092

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N00217 / 003690 NONE REPORT N62474-94-D-7609 166	11-18-1999 06-03-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI), VOLUME XIV OF XIV - APPENDICES O - P. ***COMMENTS: (SEE AR #3163 THROUGH AR #3167 - VOLUMES I - V, AR # 3689 - VOLUME VI, AR #3171 THROUGH AR #3174 - VOLUMES VII - X, AR #3170 - VOLUME XI, AR #3169 - VOLUME XII, AND AR #3168 - VOLUME XIII)***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030	181-07-0027 30093199	BOX 0092	
N00217 / 003294 NONE REPORT N62474-88-D-5086 54	11-18-1999 06-05-1996 00142 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	TECHNICAL MEMORANDUM (TM), REVIEW OF POLYCHLORINATED BIPHENYL (PCB) OCCURRENCES IN SOIL AND GROUNDWATER - 31 MAY 1996 (HARDING LAWSON ASSOCIATES). ***COMMENTS: 5 PLAN SHEETS***	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056	
N00217 / 003289 NONE CORRESPONDENC E NONE 2	11-18-1999 06-06-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON FINAL FACILITY-WIDE GROUNDWATER MONITORING PLAN	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056	
N00217 / 003290 NONE CORRESPONDENC E NONE 29	11-18-1999 06-07-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS) FOR THE PARCEL B FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056	
N00217 / 003449 NONE CORRESPONDENC E NONE 1	11-18-1999 06-10-1996 00155 00.0	NAVFAC - EFA WEST R. POWELL PRC ENVIRONMENTAL MANAGEMENT J. SICKLES	SUBMISSION OF FINAL RESULTS OF SUBSURFACE RADIATION INVESTIGATION	ADMIN RECORD	PARCEL B PARCEL E	SOUTHWEST DIVISION - BLDG. 1 BX-003			

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N00217 / 003284 EFAW SER 1832.4/L6261 CORRESPONDENC E N62474-88-D-5086 2	11-18-1999 06-11-1996 00310 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP), MAY 1996 (W/OUT ENCLOSURE) (SEE AR #3285 - DRAFT FINAL CRP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0055	
N00217 / 003344 EFAW SER 1832.4/L6259 MINUTES NONE 3	11-18-1999 06-11-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. VARIOUS AGENCIES	SUBMISSION OF 04 JUNE 1996 REMEDIAL PROJECT MANAGERS (RPM)/BASE REALIGNMENT CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056	
N00217 / 003286 EFAW SER 1832.2/L6262 CORRESPONDENC E NONE 8	11-18-1999 06-12-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	PUBLIC SUMMARY AND RESTORATION ADVISORY BOARD (RAB) IMPACT SUMMARY OF INDUSTRIAL LANDFILL GROUNDWATER PLUME REMOVAL ACTION, EE/CA, AND STORM DRAIN SYSTEM REMOVAL ACTION (RM), EE/CA (W/ ENCLOSURES)	ADMIN RECORD	021 PARCEL B SITE 00001	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0055	
N00217 / 003291 EFAW SER 18832.1/L6265 CORRESPONDENC E NONE 6	11-18-1999 06-13-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF RESTORTATION ADVISORY BOARD (RAB) IMPACT SUMMARY AND PUBLIC SUMMARY OF THE DRAFT PARCEL B FEASIBILITY STUDY (FS), VOLUMES 1 AND 2 (W/ ENLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056	
N00217 / 003292 NONE CORRESPONDENC E NONE 1	11-18-1999 06-21-1996 NONE 00.0	DTSC SHABAHARI, C. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) STORM DRAIN SYSTEM	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-002			

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N00217 / 003293 EFAW SER 1832/L6282 CORRESPONDENC E N62474-88-D-5086 3	11-18-1999 06-26-1996 00142 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF TECHNICAL MEMORANDUM (TM), REVIEW OF POLYCHLORINATED BIPHENYL (PCB) OCCURRENCES IN SOIL AND GROUNDWATER (SEE AR #3294 - TECHNICAL MEMORANDUM)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056
N00217 / 003325 NONE CORRESPONDENC E NONE 15	11-18-1999 07-03-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	SUBMISSION OF COMMENTS ON DRAFT PARCEL B FEASIBILITY STUDY (FS) REPORT (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056
N00217 / 003326 NONE CORRESPONDENC E NONE 3	11-18-1999 07-03-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON DRAFT FINAL PARCEL B REMEDIATION INVESTIGATION (RI) REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056
N00217 / 003327 NONE CORRESPONDENC E NONE 7	11-18-1999 07-03-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON DRAFT FINAL PARCEL B REMEDIATION INVESTIGATION (RI) REPORT AND DRAFT FINAL HUMAN HEALTH RISK ASSESSMENT, PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056
N00217 / 003328 NONE CORRESPONDENC E NONE 4	11-18-1999 07-03-1996 NONE 00.0	RAB MEMBERS A. WILLIAMS VARIOUS AGENCIES	COMMENTS ON DRAFT PARCEL B FEASIBILITY STUDY (FS) REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056

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N00217 / 003448 NONE CORRESPONDENC E NONE 3	11-18-1999 07-03-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT FINAL PARCEL B REMEDIAL INVESTIGATION (RI) REPORT. ***COMMENTS: A R #3448 IS A DUPLICATE OF AR #3326; AR #3448 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 003333 NONE REPORT N62474-88-D-5086 250	11-18-1999 07-12-1996 00155 00.0	PRC ENVIRONMENTAL MANAGEMENT D. PRESTON NAVFAC - EFA WEST L. TETIRICK	DRAFT FINAL RESULTS OF SUBSURFACE RADIATION INVESTIGATION , INVESTIGATION IN PARCELS B AND E, VOLUME I - MAIN REPORT, APPENDICES A, C, AND D	ADMIN RECORD	PARCEL B PARCEL E	SOUTHWEST DIVISION - BLDG. 1 BX-002			
N00217 / 003332 EFAW SER 1832.4/L6298 CORRESPONDENC E N62474-88-D-5086 2	11-18-1999 07-15-1996 00155 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	SUBMISSION OF DRAFT FINAL RESULTS OF SUBSURFACE RADIATION INVESTIGATION, VOLUME I - MAIN REPORT, APPENDICES A, C, AND D (SEE AR #3333 - DRAFT FINAL RESULTS OF SUBSURFACE RADIATION INVESTIGATION)	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056	
N00217 / 003335 EFAW SER 1832.2/L6304 CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 07-19-1996 00007 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	SUBMISSION OF DRAFT ACTION MEMORANDUM (AM) FOR THE INDUSTRIAL LANDFILL GROUNDWATER PLUME REMOVAL ACTION, STORM DRAIN SYSTEM REMOVAL ACTION AND WASTE OIL RECLAMATION PONDS REMOVAL ACTION (W/OUT ENCLOSURES). ***COMMENTS: SEE AR #3336 - INDUSTRIAL LANDFILL GROUNDWATER PLUME REMOVAL ACTION, 3337 - STORM DRAIN SYSTEM REMOVAL ACTION AND 3338 - WASTE OIL RECLAMATION PONDS REMOVAL ACTION***	ADMIN RECORD	021 050 PARCEL B SITE 00001 SITE 00003	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056	
N00217 / 003337 NONE REPORT N62474-94-D-7609 21	11-18-1999 07-19-1996 00007 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST W. RADZEVICH	DRAFT ACTION MEMORANDUM (AM), REMOVAL ACTION (RM) DOCUMENTATION FOR STORM DRAIN SYSTEM SEDIMENTS	ADMIN RECORD	050 PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0056	

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N00217 / 003340 EFAW SER 1832.2/L6315 CORRESPONDENC E NONE 4	11-18-1999 07-24-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	PROPOSE MODIFICATION TO FEDERAL FACILITIES AGREEMENT (FFA) SCHEDULE FOR DRAFT ECOLOGICAL RISK ASSESSMENT (ERA) PHASE 1B REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056
N00217 / 003341 EFAW SER 1832.2/L6311 CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 07-26-1996 00007 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR THE INDUSTRIAL LANDFILL GROUNDWATER PLUME AND STORM DRAIN SYSTEM (W/OUT ENCLOSURES). ***COMMENTS: SEE AR #3342 - FINAL EE/CA FOR THE INDUSTRIAL LANDFILL GROUNDWATER PLUME AND 3343 - FINAL EE/CA FOR THE STORM DRAIN SYSTEM***	ADMIN RECORD	021 050 PARCEL B SITE 00001	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0056
N00217 / 003343 NONE REPORT N62474-94-D-7609 137	11-18-1999 07-26-1996 00007 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), STORM DRAIN SYSTEM	ADMIN RECORD	050 PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0056
N00217 / 003352 EFAW SER 1832.1/L6322 CORRESPONDENC E NONE 2	11-18-1999 08-01-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	PROPOSED REVISIONS TO THE FEDERAL FACILITY AGREEMENT (FFA) PARCEL B SCHEDULE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0056
N00217 / 003353 NONE CORRESPONDENC E NONE 1	11-18-1999 08-02-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE DRAFT FINAL FOR THE PARCEL B REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0056

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Approx. # Pages	EPA Cat. #	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 003354 NONE CORRESPONDENC E NONE 2	11-18-1999 08-12-1996 NONE 00.0	11-18-1999 08-12-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	RESPONSE TO LETTER DATED 24 JULY 1996 REQUESTING AN EXTENSION FOR SUBMITTAL OF THE DRAFT ECOLOGICAL RISK ASSESSMENT (ERA) PHASE 1B REPORT.	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0056
N00217 / 003355 EFAW SER 1832.4/L6339 MINUTES NONE 3	11-18-1999 08-14-1996 NONE 00.0	11-18-1999 08-14-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO COOK, A.	11 JULY 1996 MEETING MINUTES FOR RADIOLOGICAL ISSUES DISCUSSION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0056
N00217 / 003356 NONE CORRESPONDENC E NONE 2	11-18-1999 08-15-1996 NONE 00.0	11-18-1999 08-15-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO COOK, A.	SUBMISSION OF REMOVAL ACTION (RM) DOCUMENTATION FOR EXPLORATORY EXCAVATION SITES (1) FINAL ACTION MEMORANDUM (AM), AND (2) RESPONSE TO COMMENTS ON DRAFT ACTION MEMORANDUM	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003		
N00217 / 003357 NONE CORRESPONDENC E NONE 19	11-18-1999 08-15-1996 NONE 00.0	11-18-1999 08-15-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. IT CORPORATION ELSTON, G.	REVIEW COMMENTS FOR (1) SITE IR 1/21, INDUSTRIAL LANDFILL GROUNDWATER PLUME, (2) SITE IR 50, STORM DRAIN SYSTEM; COPY OF FEDERAL FACILITY AGREEMENT (FFA) FOR NAVAL STATION TREASURE ISLAND - HUNTERS POINT ANNEX	ADMIN RECORD	021 050 PARCEL B SITE 00001	SOUTHWEST DIVISION - BLDG. 1 BX-003		
N00217 / 003358 SER 1832.1/6347 CORRESPONDENC E NONE 21	11-18-1999 08-16-1996 NONE 00.0	11-18-1999 08-16-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI) AND REVISED PAGES, APPENDIX N (SEE AR #3163 THROUGH AR #3174, AR #3689 AND AR #3690 - DRAFT FINAL REPORT)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_030	181-07-0027 30093199	BOX 0092
N00217 / 003407 SER 1832.1/647 CORRESPONDENC E NONE 16	11-18-1999 08-16-1996 NONE 00.0	11-18-1999 08-16-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE DRAFT FINAL REPORT, PARCEL B REMEDIAL INVESTIGATION (RI) AND REVISED PAGES, APPENDIX N. ***COMMENTS: (AR #3407 IS A DUPLICATE OF AR #3358. AR #3407 WILL BE DELETED FROM THE DATABASE)***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022		

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N00217 / 003361 SER 1832.2/L6355 CORRESPONDENC E NONE 2	11-18-1999 09-03-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT FINAL REPORT, PARCEL B FEASIBILITY STUDY (FS), VOLUMES 1 AND 2 DATED 03 SEPTEMBER 1996 (W/OUT ENCLOSURE) [SEE AR #3362 - FINAL REPORT]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_010	181-07-0027 30093199	BOX 0056	
N00217 / 003392 NONE CORRESPONDENC E NONE 1	11-18-1999 09-03-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO COOK, A.	SUBMISSION OF THE DRAFT PARCEL B PROPOSED PLAN AND PROPOSED PLAN FACT SHEET - 03 SEPTEMBER 1996. ***COMMENTS: NO ENCLOSURE***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003			
N00217 / 003393 SER 1832.2/L6355 CORRESPONDENC E NONE 1	11-18-1999 09-03-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT FINAL PARCEL B FEASIBILITY STUDY (FS), VOLUMES 1 AND 2 - 03 SEPTEMBER 1996. ***COMMENTS: AR #3393 IS A DUPLICATE OF AR #33361; AR #3393 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 003395 NONE CORRESPONDENC E NONE 2	11-18-1999 09-09-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT FINAL REPORT FOR RESULTS OF SUBSURFACE RADIATION INVESTIGATION	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_010	181-07-0027 30093199	BOX 0058	
N00217 / 003408 NONE CORRESPONDENC E NONE 3	11-18-1999 09-18-1996 NONE 00.0	DTSC SHABAHARI, C. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT PARCEL B PROPOSED PLAN	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-012			

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N00217 / 003368 EFAW SER 1832.2/L6378 CORRESPONDENC E NONE 3	11-18-1999 09-19-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO A. COOK	PROPOSED MODIFICATION ON FEDERAL FACILITY AGREEMENT (FFA) FOR DELIVERY OF THE DRAFT ECOLOGICAL RISK ASSESSMENT (ERA) PHASE 1B REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0057
N00217 / 003376 EFAW SER 1832.2/L6387 CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 09-30-1996 00009 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT PHASE IB ECOLOGICAL RISK ASSESSMENT (ERA) REPORT, VOLUMES I AND II OF II - 30 SEPTEMBER 1996 (W/OUT ENCLOSURES) (SEE AR #3377 - VOLUME I AND #3378 - VOLUME II)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0057
N00217 / 003377 EFAW SER 1832.2/L6387 REPORT N62474-94-D-7609 390	11-18-1999 09-30-1996 00009 00.0	PRC ENVIRONMENTAL MANAGEMENT J. BAKER NAVFAC - EFA WEST W. RADZEVICH	DRAFT PHASE IB ECOLOGICAL RISK ASSESSMENT (ERA), VOLUME I - PART 1, NATURE AND EXTENT OF CONTAMINATION (SEE AR #3411 - VOLUME 1, PART 2 AND #3378 - VOLUME II) [INCLUDES EFAW TRANSMITTAL LETTER BY R. POWELL]. ***COMMENTS: NOTE: VOLUME I - PART 1 AND PART 2 WERE ISSUED ON DIFFERENT DATES. PART 2 WAS ISSUED ON 15 NOVEMBER 1996.***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0057
N00217 / 003378 NONE REPORT N62474-94-D-7609 1070	11-18-1999 09-30-1996 00009 00.0	PRC ENVIRONMENTAL MANAGEMENT J. BAKER NAVFAC - EFA WEST W. RADZEVICH	DRAFT PHASE IB ECOLOGICAL RISK ASSESSMENT (ERA), VOLUME II, CHEMISTRY AND TOXICITY TEST RESULTS (SEE AR #3377 - VOLUME I, PART 1 AND #3411 - VOLUME I, PART 2)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0057
N00217 / 003379 NONE REPORT NONE 10	11-18-1999 10-01-1996 NONE 00.0	NAVY PUBLIC INTEREST	NAVY'S DRAFT FINAL PROPOSED PLAN FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0057

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N00217 / 003380 EFAW SER 1832.4/L6392 CORRESPONDENC E NONE 13	11-18-1999 10-03-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF RESPONSE TO COMMENTS ON THE PHASE III RADIATION INVESTIGATION DRAFT FIELD WORK PLAN (WP) DATED 30 SEPTEMBER 1996 (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0057
N00217 / 003396 NONE CORRESPONDENC E NONE 8	11-18-1999 10-04-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT FINAL PARCEL B FEASIBILITY STUDY (FS) REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_010	181-07-0027 30093199	BOX 0058
N00217 / 003440 NONE CORRESPONDENC E NONE 8	11-18-1999 10-04-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT FINAL PARCEL B FEASIBILITY STUDY (FS) REPORT. ***COMMENTS: AR #3440 IS A DUPLICATE OF AR #3396; AR #3440 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED		
N00217 / 003397 NONE CORRESPONDENC E NONE 2	11-18-1999 10-09-1996 NONE 00.0	US EPA - SAN FRANCISCO COOK, A. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT ACTION MEMORANDUM (AM) SOIL REMOVAL ACTION (RM) FOR TANK FARM IR-6 SITE	ADMIN RECORD	006 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003		
N00217 / 003398 NONE CORRESPONDENC E NONE 1	11-18-1999 10-09-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE FINAL ENGINEEING EVALUATION/COST ANALYSIS (EE/CA) FOR A NON-TIME CRITICAL REMOVAL ACTION (RM), TANK FARM IR-6	ADMIN RECORD	006 PARCEL B	SOUTHWEST DIVISION - BLDG. 110		

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 003441 NONE CORRESPONDENC E NONE 1	11-18-1999 10-09-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR A NON-TIME CRITICAL REMOVAL ACTION (RM) TANK FARM IR-6. ***COMMENTS: A #3441 IS A DUPLICATE OF AR #3398; AR #3441 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	006 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 003442 NONE CORRESPONDENC E NONE 5	11-18-1999 10-09-1996 NONE 00.0	US EPA - SAN FRANCISCO COOK, A. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT ACTION MEMORANDUM (AM) SOIL REMOVAL ACTION (RM) FOR TANK FARM IR-6 SITE. ***COMMENTS: AR #3442 IS A DUPLICATE OF AR #3397; AR #3442 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	006 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED			
N00217 / 003386 NONE REPORT N62474-88-D-5086 70	11-18-1999 10-15-1996 00285 00.0	PRC ENVIRONMENTAL MANAGEMENT PRESTON, D. NAVFAC - EFA WEST TETIRICK, L.	DRAFT FINAL FIELD WORK PLAN (WP), PHASE III RADIATION INVESTIGATION	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003			
N00217 / 003385 NONE REPORT N62474-94-D-7609 10	11-18-1999 10-16-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT SICKLES, J. NAVFAC - EFA WEST MCAVOY, W.	DRAFT FINAL PARCEL B PROPOSED PLAN	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 003399 NONE CORRESPONDENC E NONE 1	11-18-1999 10-31-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST L. TETIRICK	COMMENTS ON THE RESPONSE TO COMMENTS ON THE DRAFT PHASE III RADIATION INVESTIGATION WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_010	181-07-0027 30093199	BOX 0058	

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N00217 / 003400 SER 1832.4/L7024 MINUTES NONE 9	11-18-1999 11-05-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. VARIOUS AGENCIES	SUBMISSION OF REMEDIAL PROJECT MANAGERS/BRAC CLEANUP TEAM MEETING MINUTES DATED 24 SEPTEMBER 1996 (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_010	181-07-0027 30093199	BOX 0058	
N00217 / 003410 EFAW SER 1832.2/L7030 CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 11-15-1996 00009 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA), VOLUME I - PART 2, RISK CHARACTERIZATION TO AQUATIC RECEPTORS (W/OUT ENCLOSURE) (SEE AR #3411 - DRAFT PHASE 1B ERA, VOLUME I - PART 2)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0058	
N00217 / 003411 EFAW SER 1832.2/L7030 REPORT N62474-94-D-7609 368	11-18-1999 11-15-1996 00009 00.0	PRC ENVIRONMENTAL MANAGEMENT J. BAKER NAVFAC - EFA WEST W. RADZEVICH	DRAFT PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA), VOLUME I - PART 2, RISK CHARACTERIZATION TO AQUATIC RECEPTORS (SEE AR #3377 - VOLUME I, PART 1 AND #3378 - VOLUME II) [INCLUDES EFAW TRANSMITTAL LETTER BY R. POWELL]. ***COMMENTS: NOTE: VOLUME I - PART 1 AND PART 2 WERE ISSUED ON DIFFERENT DATES. PART 1 WAS ISSUED ON 30 SEPTEMBER 1996.***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_029	181-07-0027 30093199	BOX 0058	
N00217 / 003403 NONE CORRESPONDENC E NONE 3	11-18-1999 11-20-1996 NONE 00.0	DTSC C. SHABAHARI NAVFAC - EFA WEST R. POWELL	SUBMISSION OF DHS COMMENTS ON THE DRAFT FINAL PHASE III RADIATION WORK PLAN AND COMMENTS ON THE RESPONSE TO COMMENTS ON THE DRAFT PHASE III RADIATION WORK PLAN (WITH ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_010	181-07-0027 30093199	BOX 0058	
N00217 / 003405 NONE CORRESPONDENC E NONE 11	11-18-1999 11-25-1996 NONE 00.0	NAVFAC - EFA WEST POWELL, R. DTSC SHABAHARI, C.	PHONE CONFIRMATION REGARDING IR-50 STORM DRAIN SYSTEM REMOVAL ACTION (RM) - 19 NOVEMBER 1996	ADMIN RECORD	050 PARCEL B	SOUTHWEST DIVISION - BLDG. 110			

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N00217 / 003362 NONE REPORT N62474-94-D-7609 1052	11-18-1999 11-26-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	FINAL REPORT, PARCEL B FEASIBILITY STUDY (FS) - VOLUME I AND II OF II (INCLUDES REPLACEMENT PAGES CONVERTING DRAFT FINAL DATED 9/3/96 TO A FINAL)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0056	
N00217 / 003412 NONE CORRESPONDENC E N62474-94-D-7609 19	11-18-1999 11-26-1996 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT SICKLES, J. NAVFAC - EFA WEST POWELL, R.	REPLACEMENT PAGES FOR DRAFT FINAL PARCEL B FEASIBILITY STUDY (FS). ***COMMENTS: AR #3412 IS A DUPLICATE OF REPLACEMENT PAGES IN AR #3362. AR #3412 WILL BE DELETED FROM THE DATABASE***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-014			
N00217 / 003443 NONE CORRESPONDENC E NONE 10	11-18-1999 11-26-1996 NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMPILATION OF COMMENTS ON THE PARCEL B DRAFT RECORD OF DECISION (ROD) REPORT (DRAFT ROD WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003459 NONE REPORT N62474-88-D-5086 74	11-18-1999 12-01-1996 00310 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP) (SEE AR #3460 - APPENDIX F)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			
N00217 / 003460 NONE REPORT NONE 20	11-18-1999 12-01-1996 00310 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP), APPENDIX F, ENVIRONMENTAL MAILING LIST (SEE AR #3459 - CRP)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			

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N00217 / 003461 NONE CORRESPONDENC E N62474-88-D-5086 3	11-18-1999 12-01-1996 00310 00.0	PRC ENVIRONMENTAL MANAGEMENT SICKLES, J. NAVFAC - EFA WEST POWELL, R.	RESPONSE TO COMMENTS ON THE DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			
N00217 / 003444 NONE CORRESPONDENC E NONE 7	11-18-1999 12-02-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE PARCEL B DRAFT RECORD OF DECISION (ROD) (DRAFT ROD WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003439 EFAW SER 1832.2/L7057 CORRESPONDENC E NONE 6	11-18-1999 12-16-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	TRANSMITTAL OF PUBLIC SUMMARY ECOLOGICAL RISK ASSESSMENT (ERA), PHASE 1B (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003452 EFAW SER 1832.4/L7059 CORRESPONDENC E NONE 3	11-18-1999 12-17-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	REPOSE TO COMMENTS ON THE RESULTS OF THE DRAFT FINAL REPORT, RESULTS OF SUBSURFACE RADIATION INVESTIGATION	ADMIN RECORD	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003445 NONE CORRESPONDENC E NONE 3	11-18-1999 12-18-1996 NONE 00.0	ARC ECOLOGY C. SHIRLEY NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT FINAL PARCEL B PROPOSED PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	

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Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse		
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N00217 / 003446 NONE CORRESPONDENC E NONE 3	11-18-1999 12-18-1996 NONE 00.0	SFBOS L. KATZ NAVFAC - EFA WEST M. MCCLELLAND	COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR PARCEL B [INCLUDES DEPT. OF HEALTH COMMENTS DATED 12/11/96]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003447 NONE CORRESPONDENC E NONE 2	11-18-1999 12-22-1996 NONE 00.0	SAN FRANCISCO BAY KEEPER M. LOZEAU NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT FINAL PARCEL B PROPOSED PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003454 EFAW SER 1832.1/L7077 CORRESPONDENC E NONE 2	11-18-1999 01-16-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	PROPOSED MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULES FOR PARCELS B AND D	ADMIN RECORD	PARCEL B PARCEL D	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003458 EFAW SER 1832.4/L7085 CORRESPONDENC E N62474-88-D-5086 1	11-18-1999 01-31-1997 00310 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE (1) DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP) - DECEMBER 1996, AND (2) RESPONSE TO COMMENTS ON THE DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP) - MAY 1996. ***COMMENTS: SEE AR #3459 - DRAFT FINAL UPDATED CRP AND 3461 - RESPON***	ADMIN RECORD	BASEWIDE PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			
N00217 / 003462 EFAW SER 1832.2/L7090 CORRESPONDENC E N62474-94-D-7609 5	11-18-1999 02-04-1997 00009 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT RESPONSE TO COMMENTS ON THE DRAFT PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) REPORT (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0063	

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N00217 / 003673 NONE CORRESPONDENC E NONE 6	11-18-1999 02-06-1997 NONE 00.0	11-18-1999 02-06-1997 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE PARCEL B DRAFT RECORD OF DECISION (ROD) (DRAFT PARCEL B ROD WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0073
N00217 / 003464 NONE CORRESPONDENC E NONE 5	11-18-1999 02-11-1997 NONE 00.0	11-18-1999 02-11-1997 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE PARCEL B DRAFT RECORD OF DECISION (ROD) (DRAFT PARCEL B ROD WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0063
N00217 / 003465 NONE CORRESPONDENC E NONE 5	11-18-1999 02-11-1997 NONE 00.0	11-18-1999 02-11-1997 NONE 00.0	US EPA - SAN FRANCISCO TROMBADORE, C. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE PARCEL B DRAFT RECORD OF DECISION (ROD) - 14 FEBRUARY 1997. ***COMMENTS: AR #3465 IS A DUPLICATE OF AR #3464; AR #3465 WILL BE DELETED FROM THE DATABASE.***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED		
N00217 / 003475 NONE REPORT NONE 51	11-18-1999 03-06-1997 NONE 00.0	11-18-1999 03-06-1997 NONE 00.0	NAVFAC - EFA WEST POWELL, R. PRC ENVIRONMENTAL MANAGEMENT SICKLES, J.	BARRINGER LABORATORIES, INC. ANALYTICAL REPORT PACKAGE, JOBS: 963227E AND 963228E; RELEASE OF INVESTIGATION DERIVED WASTE (IDW) FOR DISPOSAL	ADMIN RECORD	PARCEL B SITE 00001 SITE 00002	SOUTHWEST DIVISION - BLDG. 1 BX-003		
N00217 / 003476 NONE CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 03-07-1997 00013 00.0	11-18-1999 03-07-1997 00013 00.0	NAVY GEE, H. DTSC SHABAHARI, C.	SUBMISSION OF BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN (BCP), REVISION 03 - 21 FEBRUARY 1997. ***COMMENTS: ADD TO REPORT 3073***	ADMIN RECORD	BASEWIDE PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011		

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N00217 / 003473 EFAW SER 1832.2/L7129 CORRESPONDENC E N62474-94-D-7609 119	11-18-1999 03-17-1997 00009 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) - 17 MARCH 1997, RESPONSE TO AGENCY COMMENTS ON DRAFT, AND PRC EMI LETTER DATED 14 MARCH 1997 (W/ ENCLOSURES)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0063	
N00217 / 003474 NONE REPORT N62474-94-D-7609 113	11-18-1999 03-17-1997 00009 00.0	PRC ENVIRONMENTAL MANAGEMENT BAKER, J. NAVFAC - EFA WEST POWELL, R.	PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA), RESPONSE TO AGENCY COMMENTS ON DRAFT	ADMIN RECORD	BASEWIDE PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 003674 NONE CORRESPONDENC E NONE 2	11-18-1999 04-14-1997 NONE 00.0	US EPA - SAN FRANCISCO TROMBADORE, C. NAVFAC - EFA WEST RAMOS, R.	CONCERNS ON VOC DNAPL AND VINYL CHLORIDE AT INSTALLATION RESTORATION (IR) SITES 25, 28 AND 36	ADMIN RECORD	025 028 036 PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0073	
N00217 / 003479 EFAW SER 1832.1/L7155 CORRESPONDENC E NONE 2	11-18-1999 04-23-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DATA GAPS SAMPLING AND ANALYSIS WORK PLAN (WP)FOR ADDITIONS TO THE SCOPE OF WORK (SOW) AT PARCEL B (W/OUT ENCLOSURES)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0063	
N00217 / 003510 EFAW SER 1832.4/L7182 CORRESPONDENC E NONE 5	11-18-1999 05-29-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF RESPONSE TO COMMENTS ON THE DRAFT FINAL PHASE III RADIATION INVESTIGATION FIELD WORK PLAN (WP), 15 OCTOBER 1996 (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_014	181-07-0027 30093199	BOX 0069	

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N00217 / 003668 NONE CORRESPONDENC E NONE 6	11-18-1999 06-12-1997 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST W. MCAVOY	COMMENTS ON THE DATA GAPS SAMPLING AND ANALYSIS WORK PLAN (WP) FOR ADDITIONS TO THE SCOPE OF WORK AT PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0073	
N00217 / 003515 NONE CORRESPONDENC E NONE 4	11-18-1999 06-24-1997 NONE 00.0	US EPA - SAN FRANCISCO TROMBADORE, C. NAVFAC - EFA WEST MCAVOY, W.	COMMENTS ON THE PARCEL B PRELIMINARY DRAFT FINAL RECORD OF DECISION (ROD) - 03 JUNE 1997	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_014	181-07-0027 30093199	BOX 0069	
N00217 / 003516 NONE CORRESPONDENC E NONE 4	11-18-1999 07-01-1997 NONE 00.0	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE PRELIMINARY DRAFT FINAL RECORD OF DECISION (ROD), PARCEL B - 03 JUNE 1997 (DOCUMENT WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_014	181-07-0027 30093199	BOX 0069	
N00217 / 003519 EFAW SER 1832.4/L7228 CORRESPONDENC E NONE 3	11-18-1999 07-17-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	TRANSMITTAL OF TELEPHONE CONVERSATION LOG TO SUPPLEMENT NAVY'S RESPONSE TO COMMENTS ON THE DRAFT FINAL PHASE III RADIATION INVESTIGATION FIELD WORK PLAN DATE 15 OCTOBER 1996	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_014	181-07-0027 30093199	BOX 0069	
N00217 / 003639 NONE CORRESPONDENC E N62474-94-D-7609 50	11-18-1999 08-01-1997 00111 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - EFA WEST MCAVOY, W.	DRAFT FINAL PARCEL B CONFIRMATION SAMPLING AND ANALYSIS PLAN (SAP). ***COMMENTS: REMOVED, SUPERCEDED BY DOC #3715***	REMOVED	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			

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N00217 / 003640 NONE CORRESPONDENC E N62474-94-D-7609 100	11-18-1999 08-01-1997 00111 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - EFA WEST MCAVOY, W.	DRAFT FINAL PARCEL B REMEDIAL ACTION (RA) CONSTRUCTION QUALITY ASSURANCE PLAN (QAP). ***COMMENTS: REMOVED, SUPERCEDED BY DOC #3714***	REMOVED	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 003641 NONE CORRESPONDENC E N62474-94-D-7609 200	11-18-1999 08-01-1997 00111 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - EFA WEST MCAVOY, W.	DRAFT FINAL PARCEL B REMEDIAL ACTION (RA) TECHNICAL SPECIFICATIONS. ***COMMENTS: REMOVED, SUPERCEDED BY DOC #3713***	REMOVED	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 003642 NONE CORRESPONDENC E N62474-94-D-7609 16	11-18-1999 08-01-1997 00111 00.0	PRC ENVIRONMENTAL MANAGEMENT NAVFAC - EFA WEST W. MCAVOY	DRAFT FINAL REMEDIAL ACTION (RA) CONSTRUCTION DRAWINGS. ***COMMENTS: FULL SIZE DRAWINGS***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0069	
N00217 / 003523 EFAW SER 1832.1/L7240 CORRESPONDENC E N62474-94-D-7609 2	11-18-1999 08-04-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE PARCEL B DRAFT FINAL RECORD OF DECISION (ROD) (W/OUT ENCLOSURE) (SEE AR #3524 - DRAFT FINAL ROD)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_014	181-07-0027 30093199	BOX 0069	
N00217 / 003524 NONE REPORT N62474-94-D-7609 103	11-18-1999 08-04-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	DRAFT FINAL RECORD OF DECISION (ROD) FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_014	181-07-0027 30093199	BOX 0069	

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N00217 / 001334 NONE MINUTES NONE 5	06-23-2008 08-16-1997 NONE	HUNTERS POINT CITIZENS' ADVISORY COMMITTEE PUBLIC INTEREST	NOTES FROM THE 16 AUGUST 1997 RETREAT OF THE CITIZENS' ADVISORY COMMITTEE	ADMIN RECORD	PARCEL B PARCEL D	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 003529 NONE REPORT N62474-93-D-2151 2500	11-18-1999 09-01-1997 00006 00.0	IT CORPORATION NAVY	PROJECT COMPLETION REPORT, EXPLORATORY EXCAVATIONS. ***COMMENTS: REMOVED, SUPERCEDED BY DOC #3729***	REMOVED	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 003675 NONE CORRESPONDENC E NONE 2	11-18-1999 09-05-1997 NONE 00.0	DTSC - BERKELEY KAO, C. NAVFAC - EFA WEST POWELL, R.	REQUEST FOR EXTENSION TO FINALIZE THE PARCEL B RECORD OF DECISION (ROD)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0073	
N00217 / 003535 EFAW SER 1832.2/L7280 CORRESPONDENC E NONE 1	11-18-1999 09-29-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO S. LAUTH	SUBMISSION OF THE PROJECT COMPLETION REPORT, EXPLORATORY EXCAVATIONS, SEPTEMBER 1997 (W/ OUT ENCLOSURE) (PROJECT COMPLETION REPORT, EXPLORATORY EXCAVATIONS DATED SEPTEMBER 1997 IS MISSING FROM SWDIV). ***COMMENTS: AR #3529 HAS A NOTE UNDER THE COMMENT FIELD STATING THAT IT HAS BEEN REMOVED AND SUPERCEDED BY AR #3729***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003			
N00217 / 003638 NONE CORRESPONDENC E N62474-94-D-7609 50	11-18-1999 10-01-1997 00111 00.0	TETRA TECH EM INC. NAVFAC - EFA WEST MCAVOY, W.	DRAFT FINAL PARCEL B REMEDIAL DESIGN (RD) WORK PLAN (WP). ***COMMENTS: REMOVED, SUPERCEDED BY DOC #3712***	REMOVED	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			

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N00217 / 003534 NONE REPORT NONE 113	11-18-1999 10-07-1997 NONE 00.0	NAVY MCAVOY, W.	FINAL RECORD OF DECISION (ROD) [SEE RECORD # 1395 - DRAFT AMENDED ROD]	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 003637 EFAW SER 1832.1/L8027 CORRESPONDENC E N62474-94-D-7609 1	11-18-1999 10-23-1997 00111 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT REMEDIAL ACTION (RA) DOCUMENTS (TECHNICAL SPECIFICATIONS, REMEDIAL ACTION DRAWINGS, CONSTRUCTION QUALITY ASSURANCE PLAN (QAPP) AND CONFIRMATION SAMPLING AND ANALYSIS PLAN (SAP)) (W/OUT ENCLOSURE). ***COMMENTS: DOCUMENT WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-023		
N00217 / 003661 NONE REPORT N62474-D-7536 172	11-18-1999 11-04-1997 DO 0008 00.0	AFA CONSTRUCTION, INC. NAVFAC - EFA WEST	DRAFT PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN (CAP) FOR PARCEL B	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0072
N00217 / 003660 EFAW SER 6223/L8043 CORRESPONDENC E NONE 2	11-18-1999 11-06-1997 00008 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN (CAP) FOR PARCEL B - 04 NOVEMBER 1997(W/O ENCLOSURE)(SEE AR #3661 FOR DRAFT CAP)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0072
N00217 / 000794 NONE REPORT N62474-94-D-7609 30	02-04-2004 11-07-1997 00174	TETRA TECH EM INC. S. TOBIAS NAVFAC - SOUTHWEST DIVISION	DRAFT BASEWIDE FINDING OF SUITABILITY TO LEASE (EXCLUDING PARCEL A)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	SOUTHWEST DIVISION - BLDG. 1		

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003677 NONE CORRESPONDENC E NONE 14	11-18-1999 12-04-1997 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE REMEDIAL DESIGN (RD) DOCUMENTS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0073	
N00217 / 000793 NONE REPORT N62474-94-D-7609 243	02-04-2004 01-07-1998 00174	TETRA TECH EM INC. S. TOBIAS NAVFAC - SOUTHWEST DIVISION J. TUAN	DRAFT FINAL BASEWIDE FINDING OF SUITABILITY TO LEASE (EXCLUDING PARCEL A)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_018	181-07-0027 30093199	BOX 0030	
N00217 / 000174 NONE REPORT NONE 205	11-18-1999 01-13-1998 NONE 00.0	HARDING LAWSON ASSOCIATES NAVFAC - EFA WEST	DRAFT WORK PLAN (WP), VOLUME III [INCLUDES QUALITY ASSURANCE PROJECT PLAN (QAPP) AND REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)]. ***COMMENTS: SEE AR #406 – VOLUME 1, 248 – VOLUME 2A, 173 – VOLUME 2B, 213 – VOLUME 2C, 249 – VOLUME 2D, 217 – VOLUME 2E, 1482 – VOLUME 2F, 2391 – VOLUME 2G, 355 – VOLUME 4, 183 – VOLUME 5, 335 – VOLUME 6 AND 356 – VOLUME 7***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0003	
N00217 / 003867 NONE CORRESPONDENC E NONE 11	11-18-1999 01-20-1998 NONE 00.0	CRWQCB LELAND, D. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN (CAP) FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	
N00217 / 003868 NONE CORRESPONDENC E NONE 3	11-18-1999 01-20-1998 NONE 00.0	SFRA MULLINNIX, S. NAVFAC - SOUTHWEST DIVISION CLARK, G.	COMMENTS ON THE DRAFT PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN (CAP) FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003711 NONE DRAWING N62474-94-D-7609 18	11-18-1999 03-01-1998 00111 00.0	MORRISON KNUDSEN NAVFAC - EFA WEST J. FINNEGAN	FINAL REMEDIAL ACTION (RA) DRAWINGS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0074	
N00217 / 003709 NONE CORRESPONDENC E N62474-94-D-7609 2	11-18-1999 03-23-1998 00111 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO TROMBADORE, C.	SUBMISSION OF THE PARCEL B REMEDIAL DESIGN (RD) DOCUMENTS AND RESPONSE TO COMMENTS - MARCH 1998	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003			
N00217 / 003710 NONE CORRESPONDENC E N62474-94-D-7609 63	11-18-1999 03-23-1998 00111 00.0	NAVFAC - EFA WEST US EPA - SAN FRANCISCO	RESPONSE TO COMMENTS ON THE PARCEL B REMEDIAL DESIGN/REMEDIAL ACTION (RD/RA) DOCUMENT PACKAGE - 24 OCTOBER 1997, AND THE DRAFT REMEDIAL ACTION MONITORING PLAN	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			
N00217 / 003743 NONE REPORT NONE 16	11-18-1999 04-18-1998 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF APRIL 1998 MONTHLY PROGRESS REPORT (MPR) AND SCHEDULES FOR PARCELS A THROUGH F AND BASEWIDE (W/ ENCLOSURE)	ADMIN RECORD	BASEWIDE PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0076	
N00217 / 003745 NONE CORRESPONDENC E N62474-93-D-2151 3	11-18-1999 06-25-1998 00109 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO TROMBADORE, C.	SUBMISSION OF THE PARCEL B REMEDIAL ACTION (RA) DOCUMENTS, (1) PARCEL B REMEDIAL ACTION DOCUMENTS, (2) REPLACEMENT PAGES FOR VOLUME 2, AND (3) RESPONSE TO COMMENTS	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022			

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N00217 / 003746 NONE CORRESPONDENC E N62474-93-D-2151 35	11-18-1999 06-25-1998 00109 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	RESPONSE TO COMMENTS ON THE DRAFT REMEDIAL ACTION (RA) REPORT (RA REPORT WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORD)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0076	
N00217 / 003748 EFAW SER 702P3JF/8052 CORRESPONDENC E NONE 2	11-18-1999 07-14-1998 NONE 00.0	NAVFAC - EFA WEST D. ZIGANT SF REDEVELOPMENT AGENCY B. RHETT	PARCEL B BUILDING DEMOLITION PLANS	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0076	
N00217 / 003749 EFAW SER 702P3JF/L8210 CORRESPONDENC E NONE 3	11-18-1999 07-16-1998 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	PARCEL B CLEANUP LEVELS	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0076	
N00217 / 003751 SER 702P3/L8218-1 CORRESPONDENC E NONE 10	11-18-1999 08-05-1998 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF RESPONSE TO COMMENTS ON THE REVISED REMEDIAL ACTION (RM) DOCUMENTS, PARCEL B - 30 JUNE 1998 (W/ ENCLOSURE)	INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022			
N00217 / 001385 NONE REPORT NONE 5	08-12-2008 08-24-1998 NONE	HUNTERS POINT MCCLELLAND, M. NAVFAC - SOUTHWEST	EXPLANATION OF SIGNIFICANT DIFFERENCES (CD COPY ENCLOSED)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			

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N00217 / 003753 NONE CORRESPONDENC E N62474-94-D-7609 2	11-18-1999 09-08-1998 00111 00.0	NAVFAC - EFA WEST POWELL, R. IT CORPORATION MARINI, D.	SUBMISSION OF THE PARCEL B REMEDIAL ACTION (RA) CONFIRMATION SAMPLING AND ANALYSIS PLAN (SAP), REVISION 1 - 04 SEPTEMBER 1998	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			
N00217 / 003770 EFAW SER 702P3- L9295-1 CORRESPONDENC E NONE 18	11-18-1999 10-22-1998 NONE 00.0	NAVFAC - EFA WEST R. POWELL DTSC - BERKELEY V. HEUSINKVELD	CALCULATION OF BACKGROUND NICKEL LEVELS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0076	
N00217 / 001646 SER 1811RC/00542 CORRESPONDENC E N62474-88-D-5086 21	11-18-1999 11-16-1998 NONE 00.0	NAVY M. MIGUEL DHS M. MALINOWSKI	DRAFT TIDAL INFLUENCE MONITORING PLAN [INCLUDES TRANSMITTAL LETTER BY M. MIGUEL]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_003	181-07-0027 30093199	BOX 0036	
N00217 / 003772 NONE CORRESPONDENC E NONE 20	11-18-1999 11-16-1998 NONE 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO TROMBADORE, C.	PARCEL B REMEDIAL DESIGN (RD) DOCUMENT SUBMITTALS TABLE AND COVER PAGES	INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022			
N00217 / 003773 NONE CORRESPONDENC E NONE 5	11-18-1999 11-19-1998 NONE 00.0	NAVFAC - EFA WEST POWELL, R. SFRA RHETT, B.	REVISIONS TO PARCEL B REMEDIAL ACTION (RA) TECHNICAL SPECIFICATIONS	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			

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N00217 / 003774 EFAW SER 702P3/L9327-1 CORRESPONDENC E NONE 3	11-18-1999 11-23-1998 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF PARCEL B SCHEDULE (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_008	181-07-0027 30093199	BOX 0076
N00217 / 003775 SER 702P3/L9328-I CORRESPONDENC E N62474-93-D-2151 50	11-18-1999 11-24-1998 00109 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF REPLACEMENT PAGES FOR THE FINAL PARCEL B REMEDIAL ACTION (RA) DOCUMENTS: WORK PLAN (WP), CONTRACTOR QUALITY CONTROL PLAN (QCP), SAMPLING AND ANALYSIS PLAN (SAP) - VOLUME 1, AND HEALTH AND SAFETY PLAN (HASP)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022		
N00217 / 003778 NONE REPORT N62474-94-D-7609 25	11-18-1999 11-30-1998 00111 00.0	TETRA TECH EM INC. J. SICKLES NAVFAC - EFA WEST J. FINNEGAN	REVISED STORM DRAIN INFILTRATION STUDY APPROACH, PARCEL B. ***COMMENTS: DRAFT STORM DRAIN INFILTRATION STUDY AT PARCEL B DATED 4/24/98 WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS.***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0076
N00217 / 003776 NONE CORRESPONDENC E N62474-93-D-2151 2	11-18-1999 12-01-1998 00109 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF THE REMEDIAL ACTION (RA) WORK PLAN (WP) REPLACEMENT PAGES, REVISION 3 (SEE AR #3747 - RA WP)(W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022		
N00217 / 003777 EFAW SER 702P3/L9336-1 CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 12-02-1998 00111 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE REVISED STORM DRAIN INFILTRATION STUDY APPROACH, PARCEL B - 30 NOVEMBER 1998 (W/OUT ENCLOSURE) [SEE AR #3778 - REVISED STORM DRAIN INFILTRATION STUDY APPROACH PARCEL B]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0076

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N00217 / 003784 NONE CORRESPONDENC E NONE 4	11-18-1999 01-11-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF REPLACEMENTS PAGES;(1) REMEDIAL ACTION (RA) WORK PLAN (WP), REVISION 4 AND (2) SITE HEALTH AND SAFETY PLAN (SHSP), REVISION 3	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0077	
N00217 / 003786 NONE CORRESPONDENC E NONE 3	11-18-1999 01-15-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE PARCEL B SCHEDULE (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_023	181-07-0027 30093199	BOX 0077	
N00217 / 003787 NONE CORRESPONDENC E N62474-93-D-2151 4	11-18-1999 02-01-1999 00109 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF REPLACEMENT PAGES FOR (1) REMEDIAL ACTION (RA) WORK PLAN (WP) REVISION 5, AND (2) SITE HEALTH AND SAFETY PLAN (HASP) REVISION 4 (W/O ENCLOSURE)	INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0077	
N00217 / 003804 NONE REPORT N62474-93-D-2151 1078	11-18-1999 02-01-1999 00109 00.0	IT CORPORATION NAVFAC - EFA WEST A. CHAN	PARCEL B QUARTERLY REPORT, QUARTERLY PERIMETER AIR MONITORING REPORT, THIRD CALENDAR QUARTER, 04 JULY 1998 THROUGH 30 SEPTEMBER 1998	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_021	181-07-0027 30093199	BOX 0077	
N00217 / 003806 NONE REPORT N62474-93-D-2151 24	11-18-1999 02-01-1999 DO 0109 00.0	IT CORPORATION NAVFAC - EFA WEST	DRAFT FINAL REPORT OF GROUNDWATER NICKEL PLUME DELINATION A-AQUIFER, PARCEL B, REVISION B	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0077	
N00217 / 003797 NONE REPORT N62474-94-D-7609 98	11-18-1999 02-18-1999 00111 00.0	TETRA TECH SHOFF, T. NAVFAC - EFA WEST FINNEGAN, J.	DRAFT TECHNICAL MEMORANDUM (TM) DISTRIBUTION OF THE BAY MUD AQUITARD AND CHARACTERIZATION OF THE B- AQUIFER IN PARCEL B {SEE AR #45 & 3823 - RESPONSE TO EPA COMMENTS & EPA COMMENTS}	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0077	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003796 EFAW SER 702P3/L9054-1 CORRESPONDENC E N62474-94-D-7609 4	11-18-1999 02-23-1999 00111 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT TECHNICAL MEMORANDUM DISTRIBUTION OF THE BAY MUD AQUITARD AND CHARACTERIZATION OF THE B-AQUIFER IN PARCEL B (W/OUT ENCLOSURE) (SEE AR #3797 - TECHNICAL MEMORANDUM)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_024	181-07-0027 30093199	BOX 0077	
N00217 / 000663 NONE CORRESPONDENC E N62474-94-D-7609 58	01-03-2003 02-25-1999 00111	TETRA TECH EM INC. J. SICKLES NAVFAC - EFA WEST R. POWELL	FINAL PARCEL B REMEDIAL DESIGN DOCUMENT V, REMEDIAL ACTION MONITORING PLAN (RAMP), REMEDIAL ACTION, REVISION 0 {SEE AR #3810 - REVISION 1, #3716 - REVISION 2 & #664 - REVISION 3}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_006	181-07-0027 30093199	BOX 0021	
N00217 / 003809 NONE DRAWING N62474-94-D-7609 18	11-18-1999 02-25-1999 00111 00.0	MORRISON KNUDSEN NAVFAC - EFA WEST J. FINNEGAN	FINAL REMEDIAL ACTION (RA) DRAWINGS, REVISION 1(SEE AR #3711 - FINAL DRAWINGS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0077	
N00217 / 003801 NONE REPORT N62474-94-D-7609 47	11-18-1999 02-26-1999 00111 00.0	TETRA TECH EM INC. J. SICKLES NAVFAC - EFA WEST J. FINNEGAN	DRAFT FINAL REVISED STORM DRAIN INFILTRATION STUDY APPROACH, PARCEL B. ***COMMENTS: DRAFT STORM DRAIN INFILTRATION STUDY AT PARCEL B DATED 4/24/98 WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS.***	INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0077	
N00217 / 003800 EFAW SER 702P3/L9060-2 CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 03-01-1999 00111 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT FINAL PARCEL B REVISED STORM DRAIN INFILTRATION STUDY APPROACH - 26 FEBRUARY 1999 (W/OUT ENCLOSURE) [SEE AR #3801 - DRAFT FINAL PARCEL B REVISED STORM DRAIN INFILTRATION STUDY APPROACH]	INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0077	

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N00217 / 003803 EFAW SER 702P3/9063-1 CORRESPONDENC E N62474-93-D-2151 3	11-18-1999 03-04-1999 00109 00.0	NAVFAC - EFA WEST R. POWELL SFDPH J. REHRIG	SUBMISSION OF THE PARCEL B QUARTERLY REPORT, QUARTERLY PERIMETER AIR MONITORING REPORT, THIRD CALENDAR QUARTER, 04 JULY 1998 THROUGH 30 SEPTEMBER 1998 (SEE AR #3804 - REPORT)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0077
N00217 / 003818 NONE CORRESPONDENC E NONE 1	11-18-1999 03-09-1999 NONE 00.0	ARC SHIRLEY, C. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM (TM) DISTRIBUTION OF BAY MUD AQUITARD AND CHARACTERIZATION OF THE B-AQUIFER IN PARCEL B - 18 FEBRUARY 1999	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0077
N00217 / 003805 EFAW SER 702P3/L9071-1 CORRESPONDENC E NONE 3	11-18-1999 03-12-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF THE DRAFT FINAL REPORT OF GROUNDWATER NICKEL PLUME DELINEATION A-AQUIFER, PARCEL B, REVISION B (W/OUT ENCLOSURE) (SEE AR #3806 - DRAFT FINAL REPORT)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0077
N00217 / 003808 SER 702P3/L9084-1 CORRESPONDENC E N62474-94-D-7609 3	11-18-1999 03-25-1999 00111 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE FINAL PARCEL B (1) REMEDIAL DESIGN (RD) DOCUMENTS - 25 FEB 1999, (2) REMEDIAL ACTION (RA) SAMPLING AND ANALYSIS PLAN (SAP), REVISION 3 - MARCH 1999, AND (3) REMEDIAL ACTION WORK PLAN (WP), REVISION 6 - FEB 1999 (W/OUT ENCLOSURES)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022		
N00217 / 003811 NONE CORRESPONDENC E NONE 3	11-18-1999 03-26-1999 NONE 00.0	NAVY J. FINNEGAN SFRA B. RHETT	SUBMISSION OF THE FINAL REMEDIAL DESIGN (RD) DOCUMENTS, COMPLETE SET OF (W/OUT ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0077

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N00217 / 003812 EFAW SER 702P3/L9081-1 CORRESPONDENC E NONE 4	11-18-1999 03-30-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SAMPLING RESULTS FOR MONITORING WELL IR10MW28A IN IR10, PARCEL B	ADMIN RECORD INFO REPOSITORY	010 PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0077	
N00217 / 003821 NONE CORRESPONDENC E NONE 3	11-18-1999 04-01-1999 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST J. FINNEGAN	COMMENTS ON THE 1) DRAFT FINAL REV STORM DRAIN INFILTRATION STUDY APPROACH (26 FEB 99), 2) PROPOSED NICKEL SCREENING AND IMPLEMENTATION PLAN (07 DEC 98), AND 3) DRAFT FINAL RPT OF GROUNDWATER NICKEL PLUME DELINEATION A-AQUIFER, (FEB 99)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0077	
N00217 / 003887 NONE REPORT N62474-93-D-2151 1021	11-18-1999 04-01-1999 00109 00.0	IT CORPORATION NAVFAC - EFA WEST J. FINNEGAN	QUARTERLY REPORT, QUARTERLY PERIMETER AIR MONITORING REPORT, PARCEL B (FOURTH CALENDAR QUARTER, 01 OCTOBER THROUGH 31 DECEMBER 1998)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_021	181-07-0027 30093199	BOX 0079	
N00217 / 003815 EFAW SER 702P3/L90103-1 CORRESPONDENC E NONE 3	11-18-1999 04-13-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF 1) DRAFT FINAL QUITCLAIM DEED COVENANT TO RESTRICT USE OF PROPERTY, ENVIRONMENTAL RESTRICTION AND 2) RESPONSE TO COMMENTS ON THE DRAFT QUITCLAIM DEED WITH ENVIRONMENTAL RESTRICTIONS, PARCEL B (W/OUT ENCLOSURES). ***COMMENTS: SEE AR #3816 - DRAFT FINAL QUITCLAIM DEED AND 3817 - RESPONSE TO COMMENTS***	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0077	
N00217 / 003816 NONE REPORT NONE 13	11-18-1999 04-13-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	DRAFT FINAL QUITCLAIM DEED COVENANT TO RESTRICT USE OF PROPERTY, ENVIRONMENTAL RESTRICTION. ***COMMENTS: DOCUMENT NOT DATED, AR #3815 TRANSMITTAL DATE USED AS RECORD DATE.***	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0077	

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Record Type	Record Date	Author				Location		FRC Accession No.	
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N00217 / 003817 NONE CORRESPONDENC E NONE 13	11-18-1999 04-13-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	RESPONSE TO COMMENTS ON THE DRAFT QUITCLAIM DEED WITH ENVIRONMENTAL RESTRICTIONS, PARCEL B	INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110 BX-022			
N00217 / 003747 NONE REPORT N62474-93-D-2151 150	11-18-1999 04-19-1999 DO 0109 00.0	IT CORPORATION NAVFAC - EFA WEST R. POWELL	PARCEL B REMEDIAL ACTION (RA) WORK PLAN - REVISION 9, JULY 1999; CONTRACTOR QUALITY CONTROL PLAN (QCP) - REVISION 0, MAY 1998; SAMPLING AND ANALYSIS PLAN (SAP) - REVISION 4, APRIL 1999 - VOLUME 1. ***COMMENTS: SAMPLING AND ANALYSIS PLAN ISSUED DATE OF 4/19/99 WAS USED AS RECORD DATE***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-007			
N00217 / 003823 NONE CORRESPONDENC E NONE 7	11-18-1999 04-19-1999 NONE 00.0	US EPA - SAN FRANCISCO TROMBADORE, C. NAVFAC - EFA WEST MCCLELLAND, M.	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM (TM), DISTRIBUTION OF THE BAY MUD AQUITARD AND CHARACTERIZATION OF B-AQUIFER IN PARCEL B {SEE AR #45 & 3797 - REPORT & RESPONSE TO EPA COMMENTS}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0077	
N00217 / 000541 EFAW SER 622/L117-1 CORRESPONDENC E NONE 8	12-20-2001 04-27-1999 NONE	NAVFAC - EFA WEST M. MCCLELLAND U.S. EPA - SAN FRANCISCO C. TROMBADORE	RESPONSE TO VARIOUS COMMENTS REGARDING NAVY'S REQUEST FOR SCHEDULE REVISIONS (WITH ENCLOSURES)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0013	
N00217 / 003828 NONE CORRESPONDENC E NONE 8	11-18-1999 04-29-1999 NONE 00.0	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST M. MCCLELLAND	COMMENTS ON THE REMEDIAL DESIGN (RD) DOCUMENTS	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0077	

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N00217 / 003829 NONE CORRESPONDENC E NONE 7	11-18-1999 04-29-1999 NONE 00.0	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST M. MCCLELLAND	COMMENTS ON THE DRAFT FINAL REMEDIAL DESIGN (RD) DOCUMENTS AND THE DRAFT FINAL REMEDIAL ACTION (RA) WORK PLAN (WP)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0077	
N00217 / 003831 NONE CORRESPONDENC E NONE 3	11-18-1999 05-05-1999 NONE 00.0	CRWQCB D. LELAND NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT FINAL REPORT OF GROUNDWATER NICKEL PLUME DELINEATION A-AQUIFER, PARCEL B (FEBRUARY 1999) AND DRAFT TECHNICAL MEMORANDUM (TM), DISTRIBUTION OF THE BAY MUD AQUITARD AND CHARACTERIZATION OF THE B-AQUIFER IN PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_023	181-07-0027 30093199	BOX 0077	
N00217 / 003832 NONE CORRESPONDENC E N62474-93-D-2151 2	11-18-1999 05-05-1999 00109 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO TROMBADORE, C.	SUBMISSION OF REPLACEMENT PAGES FOR PARCEL B REMEDIAL ACTION (RA) - APRIL 1999, (1) WORK PLAN (WP) REVISION 7, (2) SITE HEALTH AND SAFETY PLAN (HASP) REVISION 5, AND (3) SAMPLING AND ANALYSIS PLAN (SAP) REVISION 4. ***COMMENTS: SEE 3701 (HASP) AND 3747 (SAP AND WP)***	INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022			
N00217 / 003754 NONE REPORT N62474-94-D-7609 250	11-18-1999 05-21-1999 00111 00.0	MORRISON KNUDSEN NAKAZAWA, K. NAVFAC - EFA WEST FINNEGAN, J.	PARCEL B REMEDIAL ACTION (RA) CONFIRMATION SAMPLING AND ANALYSIS PLAN (SAP), REVISION 1	INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022			
N00217 / 003810 NONE CORRESPONDENC E N62474-94-D-7609 50	11-18-1999 05-21-1999 00111 00.0	MORRISON KNUDSEN NAVFAC - EFA WEST	FINAL PARCEL B REMEDIAL DESIGN DOCUMENT V - REMEDIAL ACTION MONITORING PLAN (RAMP), REMEDIAL ACTION, REVISION 1 {SEE AR #663 - REVISION 0, #3716 - REVISION 2 & #664 - REVISION 3}	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-007			

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N00217 / 003841 NONE CORRESPONDENC E NONE 2	11-18-1999 06-15-1999 NONE 00.0	NAVFAC - EFA WEST POWELL, R. US EPA - SAN FRANCISCO TROMBADORE, C.	PARCEL B INFILTRATION STUDY; NAVY INVESTIGATION SEVERAL ALTERNATIVES	INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-010			
N00217 / 003842 EFAW SER 702P3/L9168-1 CORRESPONDENC E NONE 2	11-18-1999 06-17-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	DRAFT FINAL REPORT OF GROUNDWATER NICKEL PLUME DELINEATION A-AQUIFER, PARCEL B; NAVY NOT RESPONDING DIRECTLY TO BRAC CLEAN-UP TEAMS (BCT) COMMENTS	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	
N00217 / 003843 NONE CORRESPONDENC E NONE 2	11-18-1999 06-17-1999 NONE 00.0	NAVFAC - EFA WEST POWELL, R. DTSC - BERKELEY KAO, C.	PARCEL B INFORMAL DISPUTE; REQUEST OF EXTENSION OF THE INFORMAL DISPUTE PERIOD	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011			
N00217 / 003849 NONE CORRESPONDENC E NONE 2	11-18-1999 06-30-1999 NONE 00.0	NAVY MCCLELLAN, M. US EPA - SAN FRANCISCO TROMBADORE, C.	PARCEL B REMEDIAL ACTION (RA), SEVERAL PROBLEMS ENCOUNTERED	INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022			
N00217 / 003850 EFAW SER 6227/L9181-1 CORRESPONDENC E NONE 2	11-18-1999 06-30-1999 NONE 00.0	NAVFAC - EFA WEST M. MCCLELLAND VARIOUS AGENCIES	PARCEL B FEDERAL FACILITIES AGREEMENT SCHEDULE (FFA), RESPONSE TO DTSC INFORMAL DISPUTE OVER INSTITUTIONAL CONTROLS	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	

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N00217 / 003851 EFAW SER 6227/L9183-3 CORRESPONDENC E NONE 2	11-18-1999 07-02-1999 NONE 00.0	NAVFAC - EFA WEST M. MCCLELLAND DTSC - BERKELEY C. KAO	PARCEL B INFORMAL DISPUTE	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 003852 NONE CORRESPONDENC E NONE 2	09-16-2005 07-12-1999 NONE	DTSC - BERKELEY D. MURPHY NAVFAC - EFA WEST M. MCCLELLAND	AGREEMENT TO EXTEND THE PARCEL B INFORMAL DISPUTE. ***COMMENTS: RECEIVED DATE USED AS RECORD DATE.***	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 003876 EFAW SER 6223/L9197-1 CORRESPONDENC E NONE 15	11-18-1999 07-16-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE RESPONSE TO COMMENTS ON THE DRAFT PETROLEUM CORRECTIVE ACTION PLAN (CAP) - 11 NOVEMBER 1997, AND DRAFT FINAL WORK PLAN (WP) FOR PETROLEUM CORRECTIVE ACTION PLANS - 10 MARCH 1999 (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 003910 NONE REPORT N62474-94-D-7609 90	11-18-1999 08-04-1999 00111 00.0	TETRA TECH SHOFF, T. NAVFAC - EFA WEST	DRAFT FINAL TECHNICAL MEMORANDUM NICKEL SCREENING AND IMPLEMENTATION PLAN	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0080
N00217 / 003712 NONE CORRESPONDENC E N62474-94-D-7609 50	11-18-1999 08-19-1999 00111 00.0	MORRISON KNUDSEN NAVFAC - EFA WEST	FINAL PARCEL B REMEDIAL DESIGN (RD) DOCUMENT I, REMEDIAL DESIGN WORK PLAN, REMEDIAL ACTION (RA), REVISION 2	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 PW - 45359706		

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N00217 / 003713 NONE DRAWING N62474-94-D-7609 100	11-18-1999 08-19-1999 00111 00.0	MORRISON KNUDSEN NAVFAC - EFA WEST	FINAL PARCEL B REMEDIAL DESIGN (RD) DOCUMENT II, TECHNICAL SPECIFICATIONS/DRAWINGS, REMEDIAL ACTION (RA), REVISION 1	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003		
N00217 / 003714 NONE CORRESPONDENC E N62474-94-D-7609 50	11-18-1999 08-19-1999 00111 00.0	MORRISON KNUDSEN NAVFAC - EFA WEST	FINAL PARCEL B REMEDIAL DESIGN (RD) DOCUMENT III, CONSTRUCTION QUALITY ASSURANCE PLAN (QAP), REMEDIAL ACTION (RA), REVISION 0	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003		
N00217 / 003715 NONE CORRESPONDENC E N62474-94-D-7609 50	11-18-1999 08-19-1999 00111 00.0	MORRISON KNUDSEN VFAC - EFA WEST	FINAL PARCEL B REMEDIAL DESIGN (RD) DESIGN DOCUMENT IV, CONFIRMATION SAMPLING AND ANALYSIS PLAN (SAP), REMEDIAL ACTION (RA), REVISION 1 (SEE AR #3992 - DRAFT FINAL REMEDIAL DESIGN AMENDMENT FSP)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003		
N00217 / 003716 NONE CORRESPONDENC E N62474-94-D-7609 50	11-18-1999 08-19-1999 00111 00.0	MORRISON KNUDSEN VFAC - EFA WEST	FINAL PARCEL B REMEDIAL DESIGN DOCUMENT V - REMEDIAL ACTION MONITORING PLAN (RAMP), REMEDIAL ACTION, REVISION 2 {SEE AR #663 - REVISION 0, #3810 - REVISION 1 & #664 - REVISION 3}	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-003		
N00217 / 003884 NONE CORRESPONDENC E NONE 2	11-18-1999 08-19-1999 NONE 00.0	NAVFAC - EFA WEST M. MCCLELLAND U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF THE PARCEL B (1) RESPONSE TO COMMENTS, (2) DESIGN DOCUMENTS REPLACEMENT PAGES, AND (3) REMEDIAL ACTION WORK PLAN, REVISION 9	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011		
N00217 / 003885 NONE CORRESPONDENC E NONE 4	11-18-1999 08-19-1999 NONE 00.0	NAVFAC - SOUTHWEST DIVISION FINNEGAN, J. US EPA - SAN FRANCISCO TROMBADORE, C.	RESPONSE TO COMMENTS ON THE FINAL REMEDIAL DESIGN DOCUMENTS, PARCEL B	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-011		

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N00217 / 003886 EFAW SER 6227/L92371 CORRESPONDENC E NONE 3	11-18-1999 08-25-1999 NONE 00.0	NAVFAC - EFA WEST R. POWELL DPH D. CUYLE	SUBMISSION OF THE QUARTERLY REPORT, QUARTERLY PERIMETER AIR MONITORING REPORT, PARCEL B (FOURTH CALENDAR QUARTER, OCTOBER 1, 1998 THROUGH DECEMBER 31, 1998) - APRIL 1999 (W/O ENCLOSURE)(SEE AR #3887 FOR THE QUARTERLY REPORT)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0079
N00217 / 003895 EFAW SER 6227/L9259-3 CORRESPONDENC E NONE 3	11-18-1999 09-16-1999 NONE 00.0	NAVFAC - EFA WEST M. MCCLELLAND U.S. EPA - SAN FRANCISCO C. TROMBADORE	PARCEL B REMEDIAL ACTION SCHEDULE	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0079
N00217 / 003898 EFAW SER 6227/L9270-1 CORRESPONDENC E NONE 3	09-16-2005 09-27-1999 NONE	NAVFAC - EFA WEST M. MCCLELLAND U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF THE PARCEL B REMEDIAL ACTION; EXAMPLE PARCEL B EXCAVATION SUMMARY AND MAP, AND PARCEL B EXCAVATION STATUS MAP FOR REVIEW AND INFORMATION (W/ OUT ENCLOSURES) [SEE AR #3899 - EXAMPLE EXCAVATION SUMMARY AND MAP AND EXCAVATION STATUS MAP]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0079
N00217 / 003899 NONE REPORT NONE 4	11-18-1999 09-27-1999 NONE 00.0	NAVFAC - EFA WEST M. MCCLELLAND U.S. EPA - SAN FRANCISCO C. TROMBADORE	PARCEL B REMEDIAL ACTION; EXAMPLE PARCEL B EXCAVATION SUMMARY AND MAP, AND PARCEL B EXCAVATION STATUS MAP	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-010		
N00217 / 003914 NONE REPORT N62474-93-D-2151 1752	11-18-1999 10-01-1999 00109 00.0	IT CORPORATION NAVFAC - EFA WEST R. POWELL	QUARTERLY PERIMETER AIR MONITORING REPORT, PARCEL B	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0080

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N00217 / 003913 EFAW SER 6227/L9291-1 CORRESPONDENC E N62474-93-D-2151 3	11-18-1999 10-18-1999 00109 00.0	NAVFAC - EFA WEST R. POWELL SFDPH D. CUYLE	SUBMISSION OF THE QUARTERLY PERIMETER AIR MONITORING REPORT, OCTOBER 1999 FOR PARCEL B (SEE AR #3914 - REPORT)	INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0080
N00217 / 003915 EFAW SER 6227/L9291-2 CORRESPONDENC E NONE 25	11-18-1999 10-18-1999 NONE 00.0	NAVFAC - EFA WEST M. MCCLELLAND U.S. EPA - SAN FRANCISCO C. TROMBADORE	SUBMISSION OF PARCEL B EXCAVATOIN SUMMARIES AND MAPS AND PRELIMINARY PAH AND POLYCHLORINATED BIPHENYL (PCB) STATISTICAL AND SPATIAL ANALYSIS, PARCEL B FOR REVIEW AND INFORMATION (W/ ENCLOSURES)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-010		
N00217 / 000245 CTO-007/0178 MINUTES N68711-95-D-7526 69	11-08-2000 02-24-2000 00007	BECHTEL NATIONAL, INC. TAIT, R. NAVFAC - SOUTHWEST DIVISION SELBY, R.	24 FEBRUARY 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, RAB LISTING, MEETING MINUTES OF 10/21/99, 12/09/99, 01/18/00 AND 01/27/00 AND VARIOUS HANDOUTS] (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 003926 SWDIV SER 06CH.DD/148 CORRESPONDENC E NONE 18	03-27-2000 03-10-2000 NONE	NAVFAC - SOUTHWEST DIVISION M. AVERY VARIOUS AGENCIES	INFORMATION PROVIDED DURING 02/15/00 MEETING BETWEEN SWDIV, CITY OF SAN FRANCISCO, DEVELOPER'S CONSULTANTS AND COMMUNITY SUPPORT GROUPS RE: NAVY'S PROPOSED STRATEGY FOR CONTINUED REMEDIAL ACTION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0080
N00217 / 003927 NONE REPORT N62474-94-D-7609 50	03-27-2000 03-15-2000 00201	TETRA TECH EM INC. D. BIELSKIS VARIOUS AGENCIES	DRAFT - TECHNICAL MEMORANDUM, PARCEL B - STORM DRAIN INFILTRATION STUDY (SEE AR #64 & 3937 - NAVY'S RESPONSES TO COMMENTS & COMMENTS BY CRWQCB)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-004		

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N00217 / 003933 NONE CORRESPONDENC E NONE 2	04-14-2000 03-22-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - SOUTHWEST DIVISION M. AVERY	COMMENTS ON NAVY'S PROPOSAL FOR CONTINUING REMEDIATION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0080	
N00217 / 000246 CTO-007/0178 MINUTES N68711-95-D-7526 37	11-08-2000 03-23-2000 00007	BECHTEL ENVIRONMENTAL, INC. TAIT, R. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS OF 23 MARCH 2000 MEETING - INCLUDES AGENDA, MEETING MINUTES OF 24 FEBRUARY 2000 & WORKSHEETS	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0005	
N00217 / 003931 FILE NO. 2169.6032(CRM) CORRESPONDENC E NONE 2	04-14-2000 03-23-2000 NONE	CRWQCB - OAKLAND C. MAXWELL NAVFAC - EFA WEST R. MACH	RESPONSE TO PROPOSAL FOR CONTINUED REMEDIAL ACTION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0080	
N00217 / 003936 NONE CORRESPONDENC E NONE 2	04-14-2000 03-23-2000 NONE	CRWQCB - OAKLAND C. MAXWELL NAVFAC - EFA WEST R. MACH	COMMENTS ON THE SEPTEMBER 1999 GROUNDWATER MONITORING REPORT (SEPTEMBER 1999 GROUNDWATER MONITORING REPORT WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081	
N00217 / 003930 NONE CORRESPONDENC E NONE 2	04-14-2000 03-28-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - SOUTHWEST DIVISION R. MACH	NAVY'S PROPOSAL FOR COMPLETION OF PARCEL B REMEDIAL ACTION (EPA CONCURRENCE TO PREPARE AN EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD))	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0080	

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N00217 / 003934 NONE CORRESPONDENC E NONE 1	04-14-2000 03-30-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	NAVY'S PROPOSAL FOR CONTINUING REMEDATION - DTSC CONCURRENCE WITH PROPOSED CHANGES AND AGREEMENT TO PREPARE THE ESD	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0080	
N00217 / 003937 NONE CORRESPONDENC E NONE 4	04-14-2000 03-30-2000 NONE	CRWQCB - OAKLAND C. MAXWELL NAVFAC - EFA WEST R. MACH	RESPONSE TO DRAFT TECHNICAL MEMORANDUM, STORM DRAIN INFILTRATION STUDY	ADMIN RECORD	007 BLDG. 134 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-004			
N00217 / 003950 NONE CORRESPONDENC E NONE 4	06-07-2000 04-20-2000 NONE	ENVIRONMENTAL CONSULTANTS (EMC N. SHOPAY NAVFAC - EFA WEST R. MACH	QUALITATIVE REVIEW AND RESPONSE TO EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) TO THE RECORD OF DECISION (ROD) (EXPLANATION OF SIGNIFICANT DIFFERENCES TO THE ROD WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081	
N00217 / 003953 NONE CORRESPONDENC E NONE 3	06-07-2000 04-21-2000 NONE	SHEPPARD, MULLIN, RICHTER&HAMP M. MCDANIEL NAVFAC - EFA WEST R. MACH	COMMENTS ON THE 10 APRIL 2000 DRAFT EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) TO THE 07 OCTOBER 1997 RECORD OF DECISION	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081	
N00217 / 003952 NONE CORRESPONDENC E NONE 4	06-07-2000 04-25-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	COMMENTS ON THE DRAFT EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081	

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Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 000247 CTO-007/0178 MINUTES N68711-95-D-7526 72	11-08-2000 04-27-2000 00007	BECHTEL NATIONAL, INC. TAIT, R. NAVFAC - SOUTHWEST DIVISION SELBY, R.	27 APRIL 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS - INCLUDES AGENDA, MEETING MINUTES OF 3/23/00 & BCT MEETING MINUTES OF 3/3/00, PARCEL UPDATES, OVERHEADS & DRAFT EXPLANATION OF SIGNIFICANT DIFFERENCES, PARCEL B - (4/10/00)]	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F SITE 00001	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 000408 SWDIV SER 06CH.RM/423 & 341 CORRESPONDENC E NONE 37	05-04-2001 05-04-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES AND RESPONSE TO COMMENTS {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_023	181-07-0027 30093199	BOX 0008
N00217 / 003954 EFAW SER 06CH.RM/341 AND 423 CORRESPONDENC E NONE 50	06-07-2000 05-04-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES AND RESPONSE TO COMMENTS DATED 04 MAY 2000 (W/ENCLOSURE). ***COMMENTS: AR3954 IS A DUPLICATE OF AR #408; AR #3954 WILL BE DELETED FROM THE DATABASE. SAME TRANSMITTAL LETTERS SENT TO THE SAME ADDRESSEES ON TWO DIFFERENT DATES. SEE SWDIV SERIAL NUMBERS IN DOCUMENT CONTROL NO. FIELD ABOVE. SER NO. 341 DATED 4 MAY 2000; SER NO. 423 DATED 5 JUNE 2000***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED		
N00217 / 003943 SWDIV SER 06CH.RM/343 CORRESPONDENC E NONE 8	05-09-2000 05-05-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	SUBMISSION OF 13 APRIL 2000 FINAL PARCEL B LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP) SCOPING MEETING MINUTES (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081

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Record Type	Record Type	Record Date	Author			Location	FRC Accession No.		
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Approx. # Pages	EPA Cat. #	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 003945 NONE CORRESPONDENC E NONE 2	06-06-2000 05-05-2000 NONE	06-06-2000 05-05-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	EPA'S REQUEST TO ASSIST IN CALCULATING REALISTIC COST TO COMPLETE ESTIMATE	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081
N00217 / 003951 NONE CORRESPONDENC E NONE 2	06-07-2000 05-05-2000 NONE	06-07-2000 05-05-2000 NONE	CITY OF SAN FRANCISCO A. BROWNELL NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS TO THE DRAFT EXPLANATION OF SIGNIFICANT DIFFERENCES TO THE RECORD OF DECISION DATED 10 APRIL 2000 (DRAFT EXPLANATION OF SIGNIFICANT DIFFERENCES TO THE ROD WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081
N00217 / 003967 NONE PUBLIC NOTICE NONE 1	07-14-2000 05-10-2000 NONE	07-14-2000 05-10-2000 NONE	SAN FRANCISCO BAY VIEW GENERAL PUBLIC	NEWSPAPER ARTICLE: U.S. NAVY ANNOUNCES UPDATED CLEANUP PLAN FOR PARCEL B . . .	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 003946 SWDIV SER 06CH.RM/361 CORRESPONDENC E NONE 11	06-06-2000 05-12-2000 NONE	06-06-2000 05-12-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	SUBMISSION OF FINAL COST TO COMPLETE TECHNICAL ASSUMPTIONS MEETING MINUTES OF 25 APRIL 2000 (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081
N00217 / 003947 SWDIV SER 06CH.RM/360 CORRESPONDENC E NONE 13	06-06-2000 05-12-2000 NONE	06-06-2000 05-12-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	SUBMISSION OF 27 APRIL 2000 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES (W/ ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0081

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 003960 EFAW SER O5CH.RM/375 REPORT N62474-94-D-7609 128	06-07-2000 05-12-2000 00270	TETRA TECH EM INC. T. SHOFF VARIOUS AGENCIES	DRAFT JANUARY-MARCH 2000 SECOND QUARTERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD	006 007 010 018 PARCEL B	FRC - PERRIS IMAGED HPNT_022		181-07-0027 30093199	BOX 0081
N00217 / 003966 NONE PUBLIC NOTICE NONE 1	07-14-2000 05-13-2000 NONE	THE INDEPENDENT GENERAL PUBLIC	NEWSPAPER ARTICLE: U.S. NAVY ANNOUNCES UPDATED CLEANUP PLAN FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022		181-07-0027 30093199	BOX 0081
N00217 / 000224 CTO-007/0097 MINUTES N68711-95-D-7526 19	10-27-2000 05-25-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES OF 25 MAY 2000	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_001		181-07-0027 30093199	BOX 0004
N00217 / 000251 CTO-007/0178 MINUTES N68711-95-D-7526 20	11-08-2000 05-25-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	25 MAY 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, 04/27/00 MEETING MINUTES & VARIOUS HANDOUTS]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_001		181-07-0027 30093199	BOX 0005
N00217 / 003957 NONE REPORT N62474-94-D-7609 106	06-07-2000 05-26-2000 00270	TETRA TECH EM INC. T. SHOFF NAVFAC - EFA WEST	FINAL SEPTEMBER-DECEMBER 1999 FIRST QUARATERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022		181-07-0027 30093199	BOX 0081

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Record Type	Record Date	Author				Location	FRC Accession No.		
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003958 EFAW SER 06CH.RM/398 CORRESPONDENC E NONE 18	06-07-2000 05-26-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF RESPONSE TO COMMENTS ON THE "DRAFT" SEPTEMBER 1999 QUARTERLY GROUNDWATER SAMPLING REPORT (W/ ENCLOSURE 2) (ENCLOSURE 1, SEE AR #3957 - FINAL SEPTEMBER-DECEMBER 1999 FIRST QUARTERLY GROUNDWATER SAMPLING REPORT DATED 26 MAY 2000)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081	
N00217 / 000257 NONE MISC NONE 12	11-08-2000 06-01-2000 NONE	NAVFAC - SOUTHWEST DIVISION NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER: "WHAT IS HUNTERS POINT SHIPYARD?"	ADMIN RECORD INFO REPOSITORY	006 021 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E SITE 00001 SITE 00003	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005	
N00217 / 003955 NONE REPORT N62474-94-D-7609 354	06-07-2000 06-01-2000 00005 & 00011	TETRA TECH EM INC. D. BIELSKIS VARIOUS AGENCIES	DRAFT FIELD SAMPLING PLAN FOR PHASE I GROUNDWATER DATA GAPS INVESTIGATION	ADMIN RECORD	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_021	181-07-0027 30093199	BOX 0081	
N00217 / 003956 NONE REPORT N62474-94-D-7609 126	06-07-2000 06-01-2000 00005 & 00011	TETRA TECH EM INC. D. BIELSKIS VARIOUS AGENCIES	DRAFT QUALITY ASSURANCE PROJECT PLAN FOR PHASE I GROUNDWATER DATA GAPS INVESTIGATION	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081	
N00217 / 003963 NONE CORRESPONDENC E NONE 8	07-14-2000 06-01-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENT ON THE DRAFT JANUARY-MARCH 2000 SECOND QUARTERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081	

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Record Type	Record Date	Author				Location	FRC Accession No.		
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003961 EFAW SER 06CH.RM/0425 CORRESPONDENC E NONE 9	06-12-2000 06-06-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP) (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081	
N00217 / 003968 EFAW SER 06CH.RM/447 CORRESPONDENC E NONE 6	07-14-2000 06-13-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF DRAFT QUALITY ASSURANCE PROJECT PLAN ADDENDUM, PERFORMANCE EVALUATION SAMPLES, REMEDIAL ACTION PHASE 1	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-004			
N00217 / 003983 NONE CORRESPONDENC E NONE 15	07-14-2000 06-13-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	EPA REVIEW AND COMMENT OF THE FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN, REMEDIAL ACTION (W/ ENCLOSURES)	ADMIN RECORD	010 PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081	
N00217 / 003975 NONE CORRESPONDENC E NONE 7	07-14-2000 06-19-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	EPA QUALITY ASSURANCE OFFICE REVIEW AND COMMENT ON THE DRAFT FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN (QAPP) FOR THE REMEDIAL ACTION (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081	
N00217 / 003965 EFAW SER 06CH.RM/473 CORRESPONDENC E NONE 9	07-14-2000 06-20-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	SUBMISSION OF FINAL COST TO COMPLETE ANALYSIS IN SUPPORT OF EARLY TRANSFER MEETING MINUTES OF 18 MAY 2000	ADMIN RECORD	PARCEL B PARCEL C PARCEL D	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081	

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Record Type	Record Date	Author				Location		FRC Accession No.
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)——
N00217 / 003962 EFAW SER 06CH.RM/480 CORRESPONDENC E NONE 12	07-14-2000 06-23-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF TREATABILITY STUDY WORK PLAN MODIFICATIONS REGARDING THE PHASE II SOIL VAPOR EXTRACTION (SVE)	ADMIN RECORD	010 025 028 036 BLDG. 134 BLDG. 211 BLDG. 231 BLDG. 253 BLDG. 272 PARCEL B PARCEL C PARCEL E	FRC - PERRIS IMAGED HPNT_022		181-07-0027 BOX 0081 30093199
N00217 / 003976 NONE CORRESPONDENC E NONE 11	07-14-2000 06-23-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE DRAFT QUALITY ASSSURANCE PROJECT PLAN AND DRAFT FIELD SAMPLING PLAN FOR PHASE I GROUNDWATER DATA GAPS INVESTIGATION	ADMIN RECORD	009 018 025 028 PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_022		181-07-0027 BOX 0081 30093199
N00217 / 003984 NONE REPORT N62474-94-D-7609 231	07-14-2000 06-23-2000 00270	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	FINAL JANUARY TO MARCH 2000 SECOND QUARTERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022		181-07-0027 BOX 0081 30093199
N00217 / 003985 EFAW SER 06CH.RM/476 CORRESPONDENC E NONE 13	07-14-2000 06-23-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF 1) FINAL JANUARY TO MARCH 2000 SECOND QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B (SEE AR #3984) AND 2) RESPONSE TO COMMENTS ON THE DRAFT JAN-MAR 2000 SECOND QUARTER GROUNDWATER SAMPLING REPORT (ENCLOSED)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_022		181-07-0027 BOX 0081 30093199

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Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 003972 EFAW SER 06CH.RM/478 CORRESPONDENC E NONE 11	07-14-2000 06-30-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF THE 08 JUNE 2000 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 003973 EFAW SER 06CH.RM/477 CORRESPONDENC E NONE 7	07-14-2000 06-30-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF 31 MAY 2000 FINAL PETROLEUM HYDROCARBON PROGRAM	ADMIN RECORD	BLDG. 439 PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 000063 NONE CORRESPONDENC E NONE 2	08-09-2000 07-03-2000 NONE	U.S. EPA - SAN FRANCISCO S. LAUTH NAVFAC - EFA WEST R. MACH	COMMENTS ON THE PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY WORK PLAN	ADMIN RECORD	010 025 BLDG. 123 PARCEL B PARCEL C PARCEL E	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001
N00217 / 003992 DS.0201.15251-2 & SWDIV SER 06CH.RM/517 REPORT N62474-94-D-7609 250	07-14-2000 07-05-2000 00201	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL REMEDIAL DESIGN DOCUMENTS AMENDMENT, FIELD SAMPLING PLAN & QUALITY ASSURANCE PROJECT PLAN FOR CONFIRMATION SAMPLING AND ANALYSIS PLAN, PARCEL B REMEDIAL ACTION (SEE AR #3715 - FINAL REMEDIAL DESIGN, REVISION 1). ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL} INCLUDES RESPONSE TO COMMENTS ON FIELD SAMPLING PLAN & QUALITY ASSURANCE PROJECT PLAN REMEDIAL ACTION DATED 29 MAY 2000 & APPENDICES 5 AND 6 (DS.0201.15251-2 & SER 06CH.RM/517), DATED 07/31/01 - HAVE BEEN INSERTED INTO THE DOCUMENT***	ADMIN RECORD SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-022		

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Record Type	Record Date	Author				Location	FRC Accession No.		
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003993 EFAW SER 06CH.RM/530 CORRESPONDENC E NONE 3	07-14-2000 07-05-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF DRAFT FINAL REMEDIAL DESIGN DOCUMENTS AMENDMENT FIELD SAMPLING PLAN FOR CONFIRMATION SAMPLING AND ANALYSIS PLAN (W/OUT ENCLOSURE) (SEE #3992 - DRAFT FINAL REMEDIAL DESIGN). ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL}***	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_009	181-07-0027 30093199	BOX 0082	
N00217 / 000017 NONE REPORT N62474-94-D-7609 192	08-08-2000 07-14-2000 00270	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION D. DEMARS	DRAFT APRIL TO JUNE 2000 THIRD QUARTERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD INFO REPOSITORY	006 007 010 018 024 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 000020 NONE CORRESPONDENC E NONE 5	08-08-2000 07-18-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	COMMENTS ON PARCEL B EXCAVATION DELINEATION REPORT #1	ADMIN RECORD INFO REPOSITORY	007 010 020 024 060 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0001	
N00217 / 000068 DS.0201.14904 MISC N62474-94-D-7609 22	08-09-2000 07-21-2000 00201	TETRA TECH EM INC. D. CHOW NAVFAC - SOUTHWEST DIVISION	PARTIAL SUBMITTAL OF PARCEL B PRE- EXCAVATION DELINEATION SUMMARIES	ADMIN RECORD INFO REPOSITORY	010 B3324 B3914 BLDG. 123 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000024 NONE CORRESPONDENC E NONE 5	08-08-2000 07-25-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	EPA REVIEW OF NAVY RESPONSES TO COMMENTS ON THE DRAFT FIELD SAMPLING PLAN (FSP) AND QUALITY ASSURANCE PROJECT PLAN (QAPP), FOR THE DRAFT REMEDIAL DESIGN AMENDMENT, PARCEL B	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0001	

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N00217 / 000234 CTO-007/0154 MINUTES N68711-95-D-7526 19	10-27-2000 07-27-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	27 JULY 2000 RESTORATION ADVISORY BOARD MEETING MINUTES REPORTER'S TRANSCRIPT	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_002	181-07-0027 BOX 0004 30093199
N00217 / 000252 CTO-007/0178 MINUTES N68711-95-D-7526 30	11-08-2000 07-27-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	27 JULY 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, 05/25/00 MEETING MINUTES AND VARIOUS HANDOUTS]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D	FRC - PERRIS IMAGED HPNT_001	181-07-0027 BOX 0005 30093199
N00217 / 000045 NONE MISC N62474-94-D-7609 26	08-08-2000 07-28-2000 00201	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	RESPONSE TO AGENCY COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM, DISTRIBUTION OF THE BAY MUD AQUITARD AND CHARACTERIZATION OF THE B- AQUIFER IN PARCEL B [INCLUDES TRANSMITTAL LETTER BY R. MACH] (PORTION OF MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 BOX 0001 30093199
N00217 / 000064 TC.0201.10416 CORRESPONDENC E N62474-94-D-7609 24	08-09-2000 07-28-2000 00201	TETRA TECH EM INC. D. CHOW NAVFAC - SOUTHWEST DIVISION	NAVY'S COMPILED RESPONSES TO COMMENTS BY EPA & CRWQCB ON THE DRAFT TECHNICAL MEMORANDUM PARCEL B STORM DRAIN INFILTRATION STUDY	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 BOX 0001 30093199
N00217 / 000169 EFAW SER 06CH.RM/518 CORRESPONDENC E NONE 12	09-26-2000 07-28-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	SUBMISSION OF RESPONSE TO COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM STROM DRAIN INFILTRATION STUDY (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED	

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Record Type	Record Date	Author				Location	FRC Accession No.		
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse		
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N00217 / 000051 DS.0011.14744 CORRESPONDENC E N62474-94-D-7609 599	08-08-2000 07-31-2000 00011	TETRA TECH EM INC. D. BIELSKIS NAVFAC - SOUTHWEST DIVISION D. DEMARS	FINAL FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN - PHASE I GROUNDWATER DATA GAPS INVESTIGATION [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH] {PORTION OF MAILING LIST IS SENSITIVE}. ***COMMENTS: {SEE AR #332 - FSP/QAPP ADDENDUM, PHASE II AND 580 - FSP/QAPP ADDENDUM II, PHASE III}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	006 021 022 PARCEL B PARCEL C PARCEL D PARCEL E SITE 00001	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0001	
N00217 / 000179 NONE CORRESPONDENC E NONE 2	09-27-2000 08-01-2000 NONE	DTSC - SACRAMENTO KENNING, M. DTSC - BERKELEY KAO, C.	REVIEW AND COMMENTS ON THE DRAFT APRIL TO JUNE 2000 THIRD QUARTERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD INFO REPOSITORY	006 007 010 025 026 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	
N00217 / 000104 EFAW SER 06CH.RM/520 MINUTES NONE 10	08-10-2000 08-02-2000 NONE	NAVFAC - EFA WEST MACH, R. VARIOUS AGENCIES	MEETING MINUTES OF FINAL PARCEL B, GROUNDWATER MONITORING INFILTRATION STUDY, BAY MUD AQUITARD, AND SOIL DELINEATION REPORTING DATED JUNE 29, 2000 (W/ ENCLOSURE) {PORTION OF MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000109 EFAW SER 06CH.RM/634 MINUTES NONE 8	08-10-2000 08-02-2000 NONE	NAVFAC - EFA WEST MACH, R. VARIOUS AGENCIES	MEETING MINUTES OF PARCEL B SITE MEETING DATED JULY 18, 2000 (W/ ENCLOSURE) {PORTION OF MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000180 NONE CORRESPONDENC E NONE 3	09-28-2000 08-10-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS OF THE DRAFT APRIL TO JUNE 2000 THIRD QUARTERLY GROUNDWATER SAMPLING REPORT (W/ ATTACHMENT)	ADMIN RECORD INFO REPOSITORY	006 007 010 018 026 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	

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N00217 / 000170 NONE CORRESPONDENC E NONE 6	09-27-2000 08-11-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON APPENDICES 5 AND 6 OF THE DRAFT QUALITY ASSURANCE PROJECT PLAN FOR PARCEL B - REMEDIAL ACTION (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0003	
N00217 / 000152 2169.6032 CORRESPONDENC E NONE 2	09-07-2000 08-14-2000 NONE	CRWQCB - OAKLAND B. JOB NAVFAC - EFA WEST R. MACH	COMMENTS ON APPENDICES 5 AND 6, QUALITY ASSURANCE PROJECT PLAN, REMEDIAL DESIGN DOCUMENTS AMENDMENT	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	
N00217 / 000114 EFAW SER 06CH.RM/522 MINUTES NONE 15	08-29-2000 08-15-2000 NONE	NAVFAC - EFA WEST MACH, R. VARIOUS AGENCIES	BRAC CLEANUP TEAM (BCT) MEETING MINUTES OF 13 JULY 2000 (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000115 EFAW SER 06CH.RM/523 CORRESPONDENC E NONE 1	08-29-2000 08-15-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	NOTICE TO THE FEDERAL FACILITY AGREEMENT (FFA) SIGNATORIES THAT AN ADDITIONAL 15 DAYS WILL BE REQUIRED TO COMPLETE THE DRAFT FINAL LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP) FOR PARCEL B	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000171 450-03000-190 CORRESPONDENC E NONE 18	09-27-2000 08-15-2000 NONE	S.F. REDEVELOPMENT AGENCY, CA B. RHETT NAVFAC - EFA WEST R. MACH	COMMENTS BY THE CITY & COUNTY OF SAN FRANCISCO ON THE REMEDIAL DESIGN AMENDMENT - PREPARED BY TREADWELL & ROLLO. SFRA CONCURS WITH COMMENTS BY DTSC & CRWQCB REGARDING APPENDICES 5 & 6. (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	006 007 010 020 024 026 046 060 061 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)——
N00217 / 000123 DS.005.15135 & EFAW SER 06CH.RM/527 REPORT N62474-94-D-7609 134	08-29-2000 08-17-2000 00005	TETRA TECH EM INC. CHOW, D. NAVFAC - SOUTHWEST DIVISION MACH, R.	FINAL RADIOLOGICAL REMOVAL ACTION, ACTION MEMORANDUM (INCLUDES RESPONSE TO AGENCY COMMENTS ON THE DRAFT RADIOLOGICAL REMOVAL ACTION, ACTION MEMORANDUM AND CD COPY)	ADMIN RECORD INFO REPOSITORY	BLDG 00364 BLDG 00509 BLDG 00529 BLDG 00707 PARCEL B PARCEL D PARCEL E SITE 00011 SITE 00014 SITE 00015 SITE 00034 SITE 00039	FRC - PERRIS IMAGED HPNT_026	181-07-0027 30093199	BOX 0002
N00217 / 000116 EFAW SER 06CH.RM/525 CORRESPONDENC E NONE 2	08-29-2000 08-21-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	DOCUMENTATION OF AGREEMENTS MADE BETWEEN THE NAVY, EPA, AND DTSC DURING A CONFERENCE CALL ON 3 AUGUST 2000 TO REACH AGREEMENTS ON A STRATEGY TO RESOLVE THE INFORMAL DISPUTE REGARDING THE DRAFT FINAL REMEDIAL DESIGN AMENDMENT, PARCEL B	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002
N00217 / 000235 CTO-007/0158 MINUTES N68711-95-D-7526 31	10-27-2000 08-24-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	24 AUGUST 2000 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES REPORTER'S TRANSCRIPT	ADMIN RECORD INFO REPOSITORY	BLDG. 411 PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0004
N00217 / 000253 CTO-007/0178 MINUTES N68711-95-D-7526 33	11-08-2000 08-24-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	24 AUGUST 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, 07/27/00 MEETING MINUTES , VARIOUS HANDOUTS AND TETRA TECH EMPLOYMENT APPLICATION]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000110 NONE ANALYTICAL DATA NONE 2	08-29-2000 08-28-2000 NONE	NAVFAC - SOUTHWEST DIVISION D. DEMARS VARIOUS AGENCIES	ANALYTICAL RESULTS EXCEEDING TRIGGER LEVELS, JULY TO SEPTEMBER 2000 QUARTERLY GROUNDWATER SAMPLING FOR PARCEL B	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000164 NONE CORRESPONDENC E NONE 3	09-26-2000 08-30-2000 NONE	ARC ECOLOGY, SAN FRANCISCO, CA C. SHIRLEY NAVFAC - EFA WEST R. MACH	QUESTIONS REGARDING DRAFT FINAL PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN DATED 11 AUGUST 2000	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	
N00217 / 000149 DS.0270.15168 REPORT N62474-94-D-7609 204	09-06-2000 08-31-2000 00270	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	FINAL APRIL TO JUNE 2000 THIRD QUARTERLY GROUNDWATER (GW) SAMPLING REPORT [INCLUDES RESPONSE TO REGULATORY AGENCY COMMENTS ON DRAFT THIRD QUARTERLY GW SAMPLING REPORT](CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	006 007 010 018 024 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	
N00217 / 000399 EFAW SER 06CH.RM/705 CORRESPONDENC E NONE 9	04-13-2001 08-31-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	NAVY'S ENVIRONMENTAL RESTORATION JULY 2000 MONTHLY PROGRESS REPORT (MPR) (WITH ENCLOSURE) [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_005	181-07-0027 30093199	BOX 0008	
N00217 / 000258 NONE MISC NONE 10	11-08-2000 09-01-2000 NONE	NAVFAC - SOUTHWEST DIVISION NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER: "PARCEL B CLEANUP MOVING FORWARD"	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005	

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N00217 / 000334 SER 06CH.RM/706 CORRESPONDENC E NONE 8	01-22-2001 09-05-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	DRAFT FINAL LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP), PARCEL B [INCLUDES SWDIV TRANSMITTAL LETTER BY RICHARD MACH] (PORTION OF MAILING LIST IS CONFIDENTIAL) (SEE AR #422 - DRAFT FINAL LUCIP, REVISION 1)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-025							
N00217 / 000166 DS.0201.15251-1 REPORT N62474-94-D-7609 300	09-26-2000 09-07-2000 00201	TETRA TECH EM INC. T. SHOFF VARIOUS AGENCIES	DRAFT FINAL PARCEL B REMEDIAL DESIGN DOCUMENTS AMENDMENT, FIELD SAMPLING PLAN & QUALITY ASSURANCE PROJECT PLAN FOR CONFIRMATION SAMPLING & ANALYSIS PLAN, PARCEL B REMEDIAL ACTION, REVISION 1 {CD COPY ENCLOSED}. ***COMMENTS: SEE AR #394 - INSERT PAGES THAT MAKE THE "DRAFT FINAL" INTO "FINAL" DATED 2/20/01 AND #802 - FINAL ADDENDUM TO THE FIELD SAMPLING PLAN)***	ADMIN RECORD INFO REPOSITORY	006 007 010 018 020 023 024 026 046 050 BLDG. 123 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 BX-025							
N00217 / 000271 NONE CORRESPONDENC E NONE 4	11-22-2000 09-14-2000 NONE	SHEPPARD, MULLIN, RICHTER & HA E. MCDANIEL NAVFAC - EFA WEST R. MACH	COMMENTS ON THE DRAFT FINAL PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005					
N00217 / 000185 450-03300-190 CORRESPONDENC E NONE 3	09-28-2000 09-15-2000 NONE	S.F. REDEVELOPMENT AGENCY, CA B. RHETT NAVFAC - EFA WEST R. MACH	COMMENTS BY CITY & COUNTY OF SAN FRANCISCO OF THE DRAFT FINAL PETROLEUM CORRECTIVE ACTION PLAN	ADMIN RECORD INFO REPOSITORY	007 026 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004					

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N00217 / 000193 NONE CORRESPONDENC E NONE 1	10-19-2000 09-22-2000 NONE	SF REDEVELOPMENT AGENCY B. RHETT NAVFAC - EFA WEST R. MACH	CITY HAD INSUFFICIENT TIME TO THOROUGHLY REVIEW THE DOCUMENTS AND REQUESTS TO PROVIDE COMMENTS NO LATER THAN 04 OCTOBER 2000	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL D	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000194 NONE CORRESPONDENC E NONE 1	10-19-2000 09-27-2000 NONE	SF REDEVELOPMENT AGENCY B. RHETT NAVFAC - EFA WEST R. MACH	COMMENTS ON PARCEL B REVISION 1 REMEDIAL DESIGN DOCUMENTS AMENDMENT (SEE AR #166 - AMENDMENT, REVISION 1)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000197 NONE CORRESPONDENC E NONE 7	10-19-2000 09-28-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENT ON RESPONSE TO COMMENTS ON THE DRAFT BAY MUD AQUITARD AND STORM DRAIN INFILTRATION STUDY TECHNICAL MEMORANDUM	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000254 CTO-007/0178 MINUTES N68711-95-D-7526 18	11-08-2000 09-28-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	28 SEPTEMBER 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, 08/24/00 MEETING MINUTES, FACT SHEETS NO. 1 & 2 & RECENT FIRE-RELATED EVENTS]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005	
N00217 / 000198 NONE CORRESPONDENC E NONE 9	10-19-2000 10-03-2000 NONE	CITY OF SAN FRANCISCO J. BLOUT U.S. EPA - SAN FRANCISCO C. TROMBADORE	COMMENTS ON THE DRAFT FINAL LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP) (W/ ENCLOSURE) {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	

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N00217 / 000210 NONE CORRESPONDENC E NONE 4	10-19-2000 10-05-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON DRAFT FINAL LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000211 NONE CORRESPONDENC E NONE 3	10-19-2000 10-05-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENT ON THE DRAFT FINAL LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000222 NONE CORRESPONDENC E NONE 3	10-19-2000 10-10-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENT ON RESPONSE TO COMMENTS ON THE DRAFT FINAL REMEDIAL DESIGN AMENDMENT	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000236 NONE CORRESPONDENC E NONE 30	10-27-2000 10-10-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE DRAFT FINAL REMEDIAL DESIGN DOCUMENTS AMENDMENT FOR PARCEL B, REVISION 1(W/ ENCLOSURE) {SEE AR #166, 194, 333 & 345 - AMENDMENT, REV. 1 & COMMENTS}	ADMIN RECORD INFO REPOSITORY	007 024 060 PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0004	
N00217 / 000187 DS.0270.15159 & SWDIV SER 06CH.RM/837 REPORT N62474-94-D-7609 653	10-19-2000 10-13-2000 00270	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	DRAFT SEPTEMBER 1999 TO SEPTEMBER 2000 ANNUAL GROUNDWATER SAMPLING REPORT {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_026	181-07-0027 30093199	BOX 0004	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)——
N00217 / 000240 EFAW SER 06CH.RM/851 REPORT NONE 8	10-27-2000 10-19-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TECHNICAL JUSTIFICATION FOR THE PARCEL B THROUGH F INTERFACE, BEACH ARMORIZATION CONCEPTUAL DESIGN {PORTION OF MAILING LIST IS CONFIDENTIAL} (WITH ENCLOSURE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0004
N00217 / 000256 CTO-007/0178 MINUTES N68711-95-D-7526 19	11-08-2000 10-26-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	26 OCTOBER 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, MEETING MINUTES, VARIOUS HANDOUTS, SEPTEMBER 2000 MONTHLY PROGRESS REPORT AND FACT SHEET NO. 3]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 000284 NONE CORRESPONDENC E NONE 7	11-22-2000 10-30-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE DRAFT MANGANESE SCREENING AND IMPLEMENTATION PLAN, PARCEL B (W/ ATTACHMENT)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005
N00217 / 000285 NONE CORRESPONDENC E NONE 6	11-22-2000 10-30-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE DRAFT MANGANESE SCREENING AND IMPLEMENTATION PLAN, PARCEL B (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 000288 NONE CORRESPONDENC E NONE 9	11-22-2000 10-31-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE DRAFT ANNUAL GROUNDWATER MONITORING REPORT, PARCEL B (W/ ATTACHMENT)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005
N00217 / 000289 NONE CORRESPONDENC E NONE 2	11-22-2000 10-31-2000 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW OF NAVY TECHNICAL JUSTIFCATION FOR THE PARCEL B THROUGH F INTERFACE, BEACH AMORIZATION CONCEPTUAL DESIGN {SEE AR #240 & 290 - TECHNICAL JUSTIFICATION & COMMENTS BY SFRA}	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005

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N00217 / 000297 NONE CORRESPONDENC E NONE 2	12-18-2000 10-31-2000 NONE	CRWQCB - SAN FRANCISCO B. JOB NAVFAC - EFA WEST R. MACH	COMMENTS ON TECHNICAL JUSTIFICATION FOR THE PARCEL B THROUGH F INTERFACE BEACH ARMORIZATION CONCEPTUAL DESIGN (SEE AR #240 - DOCUMENT)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0006
N00217 / 000290 450-04400-190 CORRESPONDENC E NONE 5	11-22-2000 11-02-2000 NONE	S.F. REDEVELOPMENT AGENCY B. RHETT NAVFAC - EFA WEST R. MACH	COMMENTS ON THE NAVY TECHNICAL JUSTIFICATION FOR THE PARCEL B THROUGH F INTERFACE, BEACH ARMORIZATION CONCEPTUAL DESIGN [PORTION OF MAILING LIST IS CONFIDENTIAL] (SEE AR #240 - TECHNICAL JUSTIFICATION AND #289 - COMMENTS)	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005
N00217 / 000291 NONE CORRESPONDENC E NONE 1	11-22-2000 11-02-2000 NONE	ARC ECOLOGY C. SHIRLEY NAVFAC - EFA WEST R. MACH	COMMENTS ON THE REMEDIAL ACTION WORK PLAN FOR PARCEL B, TIME-CRITICAL REMOVAL ACTION WORK PLAN FOR PARCELS C AND D, REVISION 11 {SEE AR #239 & 269 - COMMENTS BY DTSC & SHEPPARD, MULLIN, RICHTER & HAMPTON}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0005
N00217 / 000298 NONE CORRESPONDENC E NONE 5	12-18-2000 11-06-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	COMMENTS ON DRAFT SEPTEMBER 1999 TO SEPTEMBER 2000 ANNUAL GROUNDWATER SAMPLING REPORT FOR PARCEL B W/ ATTACHMENT (SEE AR #187 - DOCUMENT AND AR #331 - RESPONSE TO COMMENTS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0006
N00217 / 000299 NONE CORRESPONDENC E NONE 4	12-18-2000 11-14-2000 NONE	SF REDEVELOPMENT AGENCY A. CAPOBRES NAVFAC - EFA WEST R. MACH	COMMENTS ON DRAFT SEPTEMBER 1999 TO SEPTEMBER 2000 ANNUAL GROUNDWATER SAMPLING REPORT FOR PARCEL B (SEE AR #187 - DOCUMENT AND AR #331 - RESPONSE TO COMMENTS, PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0006

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Record Type	Record Date	Author				Location	FRC Accession No.		
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000301 NONE CORRESPONDENC E NONE 2	12-18-2000 11-14-2000 NONE	CRWQCB - SAN FRANCISCO B. JOB NAVFAC - EFA WEST R. MACH	COMMENTS ON DRAFT SEPTEMBER 1999 TO SEPTEMBER 2000 ANNUAL GROUNDWATER SAMPLING REPORT FOR PARCEL B (SEE AR #187 - DOCUMENT AND AR #331 - RESPONSE TO COMMENTS)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0006	
N00217 / 000324 NONE CORRESPONDENC E NONE 4	12-26-2000 11-20-2000 NONE	SF REDEVELOPMENT AGENCY A. CAPOBRES NAVFAC - EFA WEST R. MACH	COMMENTS TO NAVY'S RESPONSE TO COMMENTS ON DRAFT FINAL PARCEL B PETROLEUM CORRECTIVE ACTION PLAN (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0006	
N00217 / 000358 CTO-007/0197 MINUTES N68711-95-D-7526 78	02-07-2001 12-07-2000 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	REPORTER'S TRANSCRIPT OF THE 07 DECEMBER 2000 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES RAB MEETING MINUTES OF 26 OCTOBER 2000, AGENDA, PUBLIC NOTICE, AND HANDOUTS	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F SITE 00003	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000333 TC.0201.10752 & SWDIV SER 06CH.RM/1014 MISC N62474-94-D-7609 54	01-11-2001 12-15-2000 00201	NAVFAC - SOUTHWEST DIVISION VARIOUS AGENCIES	RESPONSE TO REGULATORY AGENCY COMMENTS ON THE DRAFT FINAL REMEDIAL DESIGN AMENDMENT, REVISION 1, PARCEL B REMEDIAL ACTION (WITH ATTACHMENTS) {PORTION OF MAILING LIST IS CONFIDENTIAL} (SEE AR #166, 194, 236 & 345 - AMENDMENT, REV. 1 & COMMENTS)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_001	181-07-0027 30093199	BOX 0006	
N00217 / 000330 TC.0201.10739 & SWDIV SER 06CH.RM/1017 CORRESPONDENC E N62474-94-D-7609 95	12-26-2000 12-18-2000 00201	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	MANGANESE SCREENING AND IMPLEMENTATION PLAN, PARCEL B, REVISION 1 (INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH AND RESPONSE TO COMMENTS ON THE DRAFT PLAN) {PORTION OF MAILING LIST IS CONFIDENTIAL}. ***COMMENTS: DRAFT MANGANESE SCREENING AND IMPLEMENTATION PLAN, PARCEL B DATED 9/20/00 WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS.***	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0006	

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N00217 / 000331 DS.0270.15170 & SWDIV SER 06CH.RM/1040 REPORT N62474-94-D-7609 709	12-26-2000 12-22-2000 00270	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	FINAL SEPTEMBER 1999 TO SEPTEMBER 2000 ANNUAL GROUNDWATER SAMPLING REPORT FOR PARCEL B [INCLUDES RESPONSES TO AGENCY COMMENTS ON DRAFT REPORT] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_026	181-07-0027 30093199	BOX 0006
N00217 / 000345 NONE CORRESPONDENC E NONE 5	01-22-2001 01-02-2001 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	RESPONSE TO RESPONSE TO COMMENTS OF THE REMEDIAL DESIGN AMENDMENT PARCEL B, REVISION 1 {SEE AR #166 - AMENDMENT, REV. 1, #194 - COMMENTS BY SFRA, #236 - COMMENTS BY DTSC & #333 - NAVY'S RESPONSE TO COMMENTS}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0007
N00217 / 000332 DS.0011.15702; 15702-1 & SWDIV SER 06CH.RM/033&390 CORRESPONDENC E N62474-94-D-7609 249	01-11-2001 01-08-2001 00011	TETRA TECH EM INC. T. LI NAVFAC - SOUTHWEST DIVISION	FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR PHASE II GROUNDWATER DATA GAPS INVESTIGATION [INCLUDES SWDIV TRANSMITTAL LETTERS BY R. MACH] {CD COPY ENCLOSED}. ***COMMENTS: {SEE AR #51 - FINAL FSP/QAPP, PHASE I & #580 - FSP/QAPP ADDENDUM II, PHASE III} INCLUDES REVISION 1 (DS.0011.15702-1 & SER 06CH.RM/0390) ERRATA PAGES FOR TABLES 4-4, 4-5, 4-6, 4-7; FIGURES 4-1, 4-2, 4-3, 4-4, 4-5; APPENDIX 1 & 2, DATED 04/12/01***	ADMIN RECORD INFO REPOSITORY	006 021 022 PARCEL B PARCEL C PARCEL D PARCEL E SITE 00001	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0006
N00217 / 000400 NONE CORRESPONDENC E NONE 7	04-13-2001 01-16-2001 NONE	OFFICE OF THE MAYOR, S.F., CA J. BLOUT VARIOUS AGENCIES	CITY OF SAN FRANCISCO CONCERNS OF UNRESOLVED ISSUES CONCERNING THE LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP) FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004	181-07-0027 30093199	BOX 0008
N00217 / 000340 DS.0270.16229 & SWDIV SER 06CH.RM/0088 REPORT N62474-94-D-7609 320	01-22-2001 01-19-2001 00270	TETRA TECH EM INC. V. EARLY NAVFAC - SOUTHWEST DIVISION D. DEMARS	DRAFT OCTOBER TO DECEMBER 2000 FIFTH QUARTERLY GROUNDWATER SAMPLING REPORT {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_026	181-07-0027 30093199	BOX 0007

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 000363 CTO-007/0203 & 0207 MISC N68711-95-D-7526 64	02-19-2001 01-25-2001 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIAL PACKAGE FOR THE 25 JANUARY 2001 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES REPORTER'S TRANSCRIPT OF 25 JANUARY 2001 MEETING. ***COMMENTS: [PORTION OF MAILING LIST IS CONFIDENTIAL] DCN: CTO-007/0203 - PRE- MEETING MAILER WAS REPLACED WITH ABOVE UPDATED INFORMATION MATERIAL PACKAGE***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002		181-07-0027 BOX 0007 30093199	
N00217 / 000380 NONE CORRESPONDENC E NONE 2	04-03-2001 01-31-2001 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	DTSC ACCEPTING THE CONCEPTUAL APPROACH OF THE PROPOSED PRE- EXCAVATION CONFIRMATION SAMPLING STRATEGY, REGARDING THE PARCEL B REMEDIAL DESIGN AMENDMENT	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004		181-07-0027 BOX 0008 30093199	
N00217 / 000381 NONE CORRESPONDENC E NONE 2	04-03-2001 02-01-2001 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	EPA REVIEW AND COMMENTS OF THE FINAL SEPTEMBER 1999 TO SEPTEMBER 2000 ANNUAL GROUNDWATER SAMPLING REPORT, PARCEL B (WITH ATTACHMENT)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004		181-07-0027 BOX 0008 30093199	
N00217 / 000382 NONE CORRESPONDENC E NONE 4	04-03-2001 02-05-2001 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	EPA REVIEW OF THE DRAFT OCTOBER TO DECEMBER 2000 FIFTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B (WITH ATTACHMENT)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004		181-07-0027 BOX 0008 30093199	
N00217 / 000364 CTO-007/0205 MISC N68711-95-D-7526 13	02-19-2001 02-15-2001 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER: PARCEL E CAPPING AND FIRE UPDATE; OCTOBER THROUGH DECEMBER 2000	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_002		181-07-0027 BOX 0007 30093199	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 000366 DS.0201.15532 & SWDIV SER 06CH.RM/0193 REPORT N62474-94-D-7609 130	03-02-2001 02-19-2001 00201	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION D. DEMARS	FINAL TECHNICAL MEMORANDUM, DISTRIBUTION OF THE BAY MUD AQUITARD AND CHARACTERIZATION OF THE B- AQUIFER IN PARCEL B [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH] {CD COPY ENCLOSED} (PORTION OF THE MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD SENSITIVE	PARCEL B	CHOICE IMAGING SOLUTIONS SW06020901			
N00217 / 000386 NONE CORRESPONDENC E NONE 5	04-04-2001 02-20-2001 NONE	OFFICE OF THE MAYOR, S.F., CA J. BLOUT NAVFAC - EFA WEST R. MACH	PARCEL B AND F INTERFACE PROPOSAL	ADMIN RECORD	007 PARCEL B PARCEL F	FRC - PERRIS IMAGED HPNT_004		181-07-0027 BOX 0008 30093199	
N00217 / 000394 DS.0201.15251-4 & SWDIV SER 06CH.RM/0192 REPORT N62474-94-D-7609 260	04-04-2001 02-20-2001 00201	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL REMEDIAL DESIGN DOCUMENTS AMENDMENT, PARCEL B [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH AND RESPONSE TO AGENCY COMMENTS] {CD COPY ENCLOSED} (SEE AR #166 - DRAFT FINAL AMENDMENT AND 802 - FINAL ADDENDUM TO THE FIELD SAMPLING PLAN). ***COMMENTS: INSERT PAGES UPDATE THE "DRAFT FINAL" DATED 9/7/00 INTO "FINAL." PER TETRA TECH ON 4/4/01 - REVISION 2 - IS THE ADDENDUM TO THE AMENDMENT & REVISION 3 - IS AN INTERNAL WORKING COPY, WHICH WILL NOT BE SUBMITTED TO THE ADMINISTRATIVE RECORD***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000362 CTO-007/0202 & 0213 MISC N68711-95-D-7526 61	02-19-2001 02-22-2001 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIAL PACKAGE FOR THE 22 FEBRUARY 2001 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES REPORTER'S TRANSCRIPT OF 22 FEBRUARY 2001 MEETING (MAILING LIST IS CONFIDENTIAL). ***COMMENTS: DCN: CTO-007/0202 - PRE- MEETING MAILER WAS REPLACED WITH ABOVE UPDATED INFORMATION MATERIAL PACKAGE***	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002		181-07-0027 BOX 0007 30093199	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 000388 EFAW SER 06CH.RM/0166 CORRESPONDENC E NONE 7	04-04-2001 02-22-2001 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	NAVY PROPOSAL TO PREPARE AN EXPLANATION OF SIGNIFICANT DIFFERENCES TO THE RECORD OF DECISION AND RESPONSE TO EPA, CRWQCB & CITY OF SAN FRANCISCO COMMENTS	ADMIN RECORD	007 010-1 025 BLDG. 123 PARCEL B PARCEL C PARCEL F	FRC - PERRIS IMAGED HPNT_004		181-07-0027 30093199	BOX 0008
N00217 / 000372 TC.0201.10859 & SWDIV SER 06CH.RM/0222 REPORT N62474-94-D-7609 124	04-03-2001 02-28-2001 00201	TETRA TECH EM INC. D. DAVENPORT NAVFAC - SOUTHWEST DIVISION D. DEMARS	FINAL TECHNICAL MEMORANDUM PARCEL B, STORM DRAIN INFILTRATION STUDY [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH] {CD COPY ENCLOSED} (INCLUDES RESPONSE TO COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM) [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_028		181-07-0027 30093199	BOX 0008
N00217 / 000377 DS.0270.16230 & SWDIV SER 06CH.RM/0223 REPORT N62474-94-D-7609 319	04-03-2001 03-02-2001 00270	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	FINAL OCTOBER TO DECEMBER 2000 FIFTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_028		181-07-0027 30093199	BOX 0008
N00217 / 000390 EFAW SER 06CH.RM/0240 CORRESPONDENC E NONE 5	04-04-2001 03-05-2001 NONE	NAVFAC - EFA WEST R. MACH OFFICE OF THE MAYOR, S.F., CA J. BLOUT	RESPONSE TO LETTER DATED 2/20/01 REGARDING THE PROPOSED EXPLANATION OF SIGNIFICANT DIFFERENCES TO THE RECORD OF DECISION FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_004		181-07-0027 30093199	BOX 0008
N00217 / 000413 NONE CORRESPONDENC E NONE 3	05-04-2001 03-05-2001 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE DRAFT OCTOBER TO DECEMBER 2000 FIFTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B {SEE AR #340 - REPORT}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_018		181-07-0027 30093199	BOX 0009

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N00217 / 000422 EFAW SER 06CH.RM/0169 CORRESPONDENC E N62474-94-D-7609 35	05-04-2001 03-06-2001 00201	TETRA TECH EM INC. NAVFAC - EFA WEST R. MACH	DRAFT FINAL REVISION 1 - LAND USE CONTROL IMPLEMENTATION PLAN FOR PARCEL B {SEE AR #334 - DRAFT FINAL LUCIP, #423 - COMMENTS BY EPA & #424 - OFFICE OF THE MAYOR}	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000393 EFAW SER 06CH.RM/0249 CORRESPONDENC E NONE 4	04-04-2001 03-16-2001 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	LETTER TO STATE NAVY'S POSITION REGARDING SIX ISSUES RELATED TO THE PARCEL B RECORD OF DECISION (ROD)	ADMIN RECORD	010 025 BLDG. 123 PARCEL B PARCEL C PARCEL F	FRC - PERRIS IMAGED HPNT_004		181-07-0027 BOX 0008 30093199	
N00217 / 000420 450-00701-190 CORRESPONDENC E NONE 6	05-04-2001 04-02-2001 NONE	SFRA, SAN FRANCISCO, CA D. CAPOBRES NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS OF THE FINAL PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN (CAP) FOR PARCEL B (WITH ATTACHMENT)	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_018		181-07-0027 BOX 0009 30093199	
N00217 / 000423 NONE CORRESPONDENC E NONE 4	05-04-2001 04-05-2001 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE DRAFT FINAL, REVISION 1 - LAND USE CONTROL IMPLEMENTATION PLAN FOR PARCEL B (WITH ATTACHMENT) {SEE AR #334 - DRAFT FINAL LUCIP & #422 - DRAFT FINAL LUCIP, REVISION 1 & #424 - COMMENTS BY OFFICE OF THE MAYOR}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_018		181-07-0027 BOX 0009 30093199	
N00217 / 000424 NONE CORRESPONDENC E NONE 4	05-04-2001 04-06-2001 NONE	OFFICE OF THE MAYOR, S.F., CA J. BLOUT VARIOUS AGENCIES	COMMENTS ON THE DRAFT FINAL LAND USE CONTROL IMPLEMENTATION PLAN FOR PARCEL B {SEE AR #334 - DRAFT FINAL LUCIP, #422 - DRAFT FINAL LUCIP, REVISION 1, & #423 - COMMENTS BY EPA}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_018		181-07-0027 BOX 0009 30093199	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000431 DS.0270.17026 & SWDIV SER 06CH.RM/0422 REPORT N62474-94-D-7609 298	05-04-2001 04-20-2001 00270	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	DRAFT JANUARY TO MARCH 2001 SIXTH QUARTERLY GROUNDWATER SAMPLING REPORT, PARCEL B [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH] {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0009	
N00217 / 000437 CTO-007/0225 MINUTES N68711-95-D-7526 105	06-05-2001 04-26-2001 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 26 APRIL 2001 RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, MEETING TRANSCRIPT FROM THE 4/26/01 MEETING, MINUTES FROM THE 3/22/01 MEETING, HANDOUTS, RAB APPLICATIONS & MAILING LIST. ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_018	181-07-0027 30093199	BOX 0009	
N00217 / 000457 2169.6032 (LBJ) CORRESPONDENC E NONE 2	07-26-2001 05-09-2001 NONE	CRWQCB - OAKLAND C. SCOTT NAVFAC - EFA WEST R. MACH	LETTER TO CLARIFY CRWQCB'S POSITION ON GROUNDWATER MONITORING STRATEGY	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0010	
N00217 / 000458 NONE CORRESPONDENC E NONE 3	07-26-2001 05-10-2001 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS OF THE DRAFT SIXTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B (WITH ATTACHMENT) {SEE AR #431 - REPORT}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0010	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 000436 CTO-007/0224 & 0228 MINUTES N68711-95-D-7526 73	06-05-2001 05-24-2001 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIAL PACKAGE FOR THE 24 MAY 2001 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES REPORTER'S TRANSCRIPT OF 5/24/01 MEETING, AGENDA, PUBLIC NOTICE, MINUTES FROM THE 04/26/01 MEETING, LIST OF ATTENDEES, HANDOUTS, [*SEE COMMENTS]. ***COMMENTS: RAB APPLICATIONS & MAILING LIST - DCN: CTO- 007/0224 - PRE-MEETING MAILER WAS REPLACED WITH ABOVE UPDATED INFORMATION MATERIAL PACKAGE {PORTION OF MAILING LIST IS CONFIDENTIAL}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C	FRC - PERRIS IMAGED HPNT_018	181-07-0027 30093199	BOX 0009	
N00217 / 000438 DS.0270.17027 & SWDIV SER 06CH.RM/0591 REPORT N62474-94-D-7609 325	06-06-2001 06-01-2001 00270	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	FINAL JANUARY TO MARCH 2001, SIXTH QUARTERLY GROUNDWATER SAMPLING REPORT, PARCEL B [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH AND RESPONSE TO COMMENTS] {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0009	
N00217 / 000463 2169.6032 (LBJ) CORRESPONDENC E NONE 1	07-26-2001 06-11-2001 NONE	CRWQCB - OAKLAND B. JOB NAVFAC - EFA WEST R. MACH	REVIEW OF THE FINAL PETROLEUM HYDROCARBON SOIL SAMPLING FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0010	
N00217 / 000464 2169.6032 (LBJ) CORRESPONDENC E NONE 2	07-26-2001 06-13-2001 NONE	CRWQCB - OAKLAND B. JOB NAVFAC - EFA WEST R. MACH	CRWQCB'S CONCURRENCE WITH THE FINAL PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN FOR PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0010	
N00217 / 000466 NONE CORRESPONDENC E NONE 2	07-26-2001 06-27-2001 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	RESPONSE TO NAVY'S LETTER DATED 20 JUNE 2001, REGARDING THE NAVY'S PROPOSAL TO RESOLVE THE INFORMAL DISPUTE REGARDING MANGANESE IN PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0010	

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Record Type	Record Date	Author				Location		FRC Accession No.	
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 000483 CTO-007/0234 MINUTES N68711-95-D-7526 114	07-26-2001 06-28-2001 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	MEETING MATERIALS FOR THE RESTORATION ADVISORY BOARD MEETING HELD ON 28 JUNE 2001 - INCLUDES AGENDA, PUBLIC NOTICE, REPORTER'S TRANSCRIPT OF 6/28/01 & MEETING MINUTES OF 5/24/01, FACT SHEET DATED 6/19/01 FOR PARCEL B SANDBLAST GRIT & HANDOUTS. ***COMMENTS: RAB MEMBERSHIP APPLICATIONS ARE CONFIDENTIAL***	ADMIN RECORD SENSITIVE	007 PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002		181-07-0027 30093199	BOX 0010
N00217 / 000450 EFAW SER 06CH.RM/0539 CORRESPONDENC E NONE 3	07-23-2001 07-11-2001 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	NAVY'S PLAN TO COMPLETE THE EXCAVATIONS AND OFF-SITE DISPOSAL FOR SOIL (WITH ENCLOSURE)	ADMIN RECORD	007 PARCEL B	FRC - PERRIS IMAGED HPNT_018		181-07-0027 30093199	BOX 0009
N00217 / 000480 EFAW SER 06CH.RM/0726 CORRESPONDENC E NONE 6	07-26-2001 07-17-2001 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	NAVY'S REVISIONS TO 20 JUNE 2001 PROPOSAL TO RESOLVE THE INFORMAL DISPUTE REGARDING MANGANESE ON PARCEL B (W/OUT ENCLOSURES) {SEE AR #466 - DTSC'S RESPONSE TO NAVY'S LETTER DATED 06/20/01 AND AR #518 - DTSC'S COMMENTS}	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000481 DS.0270.17250 & SWDIV SER 06CH.RM/0754 REPORT N62474-94-D-7609 323	07-26-2001 07-20-2001 00270	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	DRAFT APRIL TO JUNE 2001 SEVENTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B WITH PUBLIC SUMMARY [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH] (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_001		181-07-0027 30093199	BOX 0010
N00217 / 000482 CTO-007/0233 MINUTES N68711-95-D-7526 16	07-26-2001 07-26-2001 00007	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PRE-MEETING MAILER FOR THE 26 JULY 2001 RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, PUBLIC NOTICE, MEETING MINUTES OF 06/28/01, ATTENDANCE LIST & MAILING LIST {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	007 018 PARCEL B	FRC - PERRIS IMAGED HPNT_002		181-07-0027 30093199	BOX 0010

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Record Type	Record Date	Author				Location		FRC Accession No.	
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 000518 NONE CORRESPONDENC E NONE 3	10-26-2001 08-03-2001 NONE	DTSC - BERKELEY C. KAO NAVFAC - SOUTHWEST DIVISION R. MACH	REVIEW AND COMMENT ON NAVY'S LETTER DATED 17 JULY 2001ON THE REVISED PROPOSAL FOR THE MANGANESE ISSUES ON PARCEL B (SEE AR #480 - JULY 17 LETTER AND 520 - RESPONSE)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_022		181-07-0027 30093199	BOX 0012
N00217 / 000508 EFAW SER 06CH.RM/0845 CORRESPONDENC E NONE 3	10-26-2001 08-23-2001 NONE	NAVFAC - EFA WEST R. MACH DISTRIBUTION	DOCUMENTATION OF THE NAVY'S SUCCESSFUL COMPLETION OF THE PARCEL B PERIMETER AIR MONITORING PROGRAM AND SUMMARY OF SOME BACKGROUND INFORMATION, RESULTS TO DATE, AND FUTURE PLANS	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_022		181-07-0027 30093199	BOX 0012
N00217 / 000512 DS.0270.17251 & SWDIV SER 06CH.RM/0850 REPORT N62474-94-D-7609 324	10-26-2001 08-31-2001 00270	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	FINAL APRIL TO JUNE 2001, SEVENTH QUARTERLY GROUNDWATER SAMPLING REPORT, PARCEL B [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_018		181-07-0027 30093199	BOX 0012
N00217 / 000513 TC.0201.11189 & SWDIV SER 06CH.RM/0938 CORRESPONDENC E N62474-94-D-7609 51	10-26-2001 09-11-2001 00201	NAVFAC - EFA WEST R. MACH DISTRIBUTION	TRANSMITTAL OF FINAL MANGANESE SITE PROPOSAL, PARCEL B; PARCEL B REMEDIAL DESIGN AMENDMENT, MANGANESE ONLY SITES; EXPLANATION OF SIGNIFICANT DIFFERENCES, PARCEL B FOR REVIEW AND CONCURRENCE (W/ ENCLOSURES). ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_019		181-07-0027 30093199	BOX 0012
N00217 / 000724 2072 CORRESPONDENC E N62474-98-D-2076 60	06-19-2003 09-19-2001 00033	IT CORPORATION K. OHANNESSIAN NAVFAC - SOUTHWEST DIVISION	DRAFT SOIL VAPOR TREATABILITY STUDY WORK PLAN ADDENDUM FOR PARCEL B AND PARCEL C BUILDING SITES, REVISION 0	ADMIN RECORD	BLDG. 123 BLDG. 134 PARCEL B PARCEL C	SOUTHWEST DIVISION - BLDG. 1			

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000515 NONE CORRESPONDENC E NONE 2	10-26-2001 09-25-2001 NONE	DTSC - BERKELEY C. KAO NAVFAC - SOUTHWEST DIVISION R. MACH	COMMENTS ON THE FINAL MANGANESE SITE PROPOSAL, PARCEL B - DTSC CANNOT APPROVE THE PROPOSAL {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0012	
N00217 / 000516 NONE CORRESPONDENC E NONE 2	10-26-2001 09-25-2001 NONE	DTSC - BERKELEY C. KAO NAVFAC - SOUTHWEST DIVISION R. MACH	COMMENTS ON THE PARCEL B REMEDIAL DESIGN AMENDMENT, MANGANESE ONLY SITES - DTSC CANNOT APPROVE THE PROPOSED REMEDIAL DESIGN AMENDMENT {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0012	
N00217 / 000517 NONE CORRESPONDENC E NONE 2	10-26-2001 09-25-2001 NONE	DTSC - BERKELEY C. KAO NAVFAC - SOUTHWEST DIVISION R. MACH	COMMENTS ON THE EXPLANATION OF SIGNIFICANT DIFFERENCES, PARCEL B - DTSC CANNOT APPROVE THE PROPOSED ESD {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0012	
N00217 / 000520 SWDIV SER 06CH.RM/0982 CORRESPONDENC E NONE 4	10-26-2001 09-28-2001 NONE	NAVFAC - SOUTHWEST DIVISION M. AVERY DTSC - SACRAMENTO T. LANDIS	NAVY'S POINT-BY POINT RESPONSE TO DTSC'S 03 AUGUST 2001 PARCEL B COMMENT LETTER (SEE AR #518 - AUGUST 3 LETTER)	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0012	
N00217 / 000524 DS.0270.17392 & SWDIV SER 06CH.RM/1096 REPORT N62474-94-D-7609 312	10-26-2001 10-19-2001 00270	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	DRAFT JULY TO SEPTEMBER 2001 EIGHTH QUARTERLY GROUNDWATER SAMPLING REPORT, PARCEL B [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY R. MACH] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	010 PARCEL B	FRC - PERRIS IMAGED HPNT_018	181-07-0027 30093199	BOX 0012	

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N00217 / 000542 NONE CORRESPONDENC E NONE 6	12-20-2001 10-23-2001 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - SOUTHWEST DIVISION R. MACH	REVIEW AND COMMENTS ON THE FINAL MANGANESE SITE PROPOSAL, PARCEL B, REMEDIAL DESIGN AMENDMENT MANGANESE ONLY SITES, AND EXPLANATION OF SIGNIFICANT DIFFERENCES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0013	
N00217 / 000543 NONE CORRESPONDENC E NONE 2	12-20-2001 10-24-2001 NONE	ARC ECOLOGY C. SHIRLEY NAVFAC - SOUTHWEST DIVISION R. MACH	COMMENTS ON THE FINAL MANGANESE SITE PROPOSAL, PARCEL B, REMEDIAL DESIGN AMENDMENT, MANGANESE ONLY SITES, EXPLANATION OF SIGNIFICANT DIFFERENCES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0013	
N00217 / 000777 2739.0 CORRESPONDENC E N62474-98-D-2076 5	10-31-2003 11-02-2001 00081	IT CORPORATION T. BROUSSARD NAVFAC - SOUTHWEST DIVISION R. PRIBYL	ADDENDUM TO THE REMEDIAL ACTION WORK PLAN FOR PARCEL B	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			
N00217 / 000550 NONE CORRESPONDENC E NONE 2	12-20-2001 11-08-2001 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE EIGHTH QUARTERLY GROUNDWATER SAMPLING REPORT, PARCEL B {SEE AR #524 - REPORT}	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0013	
N00217 / 000544 NONE CORRESPONDENC E NONE 3	12-20-2001 11-09-2001 NONE	CRWQCB - OAKLAND M. ROCHETTE NAVFAC - SOUTHWEST DIVISION R. MACH	COMMENTS ON THE FINAL MANGANESE SITE PROPOSAL, PARCEL B, REMEDIAL DESIGN AMENDMENT, MANGANESE ONLY SITES, EXPLANATION OF SIGNIFICANT DIFFERENCES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0013	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000529 TC.0005.11236 & SWDIV SER 06CH.RM/0986 REPORT N62474-94-D-7609 34	11-29-2001 11-19-2001 00005	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASEWIDE RADIOLOGICAL REMOVAL ACTION - ACTION MEMORANDUM (INCLUDES TRANSMITTAL LETTER AND CD COPY ENCLOSED). ***COMMENTS: [SEE RECORD # 865 - REVISED FINAL BASEWIDE RADIOLOGICAL REMOVAL ACTION, ACTION MEMORANDUM]***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_018	181-07-0027 30093199	BOX 0012	
N00217 / 000531 CTO-007/0265 & 0270 MINUTES N68711-95-D-7526 107	11-29-2001 11-29-2001 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	29 NOVEMBER 2001 PUBLIC INFORMATION MATERIAL PACKAGE FOR THE RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, PUBLIC NOTICE, MEETING MINUTES FROM MEETING HELD ON 10/24/01, REPORTERS TRANSCRIPT FROM 11/29/01 MEETING AND HANDOUTS. ***COMMENTS: *NOTE: DCN: CTO-007/0265 - PRE-MEETING MAILER WAS REPLACED WITH ABOVE UPDATED INFORMATION MATERIAL PACKAGE. (MAILING LIST IS CONFIDENTIAL)***	ADMIN RECORD SENSITIVE	DRY DOCK 4 PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0013	
N00217 / 000534 DS.0270.17393 & SWDIV SER 06CH.RM/1236 REPORT N62474-94-D-7609 180	12-20-2001 11-30-2001 00270	TETRA TECH EM INC. R. LANTZ NAVFAC - SOUTHWEST DIVISION	DRAFT TECHNICAL MEMORANDUM, PARCEL B GROUNDWATER EVALUATION [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY R. MACH] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	006 007 010 018 020 023 024 026 042 060 061 062 PARCEL B	FRC - PERRIS IMAGED HPNT_018	181-07-0027 30093199	BOX 0013	
N00217 / 000776 3061.0 CORRESPONDENC E N62474-98-D-2076 5	10-31-2003 12-06-2001 00081	IT CORPORATION C. DEPEW NAVFAC - SOUTHWEST DIVISION R. PRIBYL	ADDENDUM TO THE REMEDIAL ACTION (RA) WORK PLAN (WP), REVISION 9, JULY 2000 (ORIGINAL RA WP WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORD)	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1			

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Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 000540 DS.0201.17570 & SWDIV SER 06CH.RM/1243 REPORT N62474-94-D-7609 31	12-20-2001 12-14-2001 00201	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES, PARCEL B [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_019	181-07-0027 30093199	BOX 0013
N00217 / 000552 TC.0201.11016 & SWDIV SER 06CH.RM/1244 REPORT N62474-94-D-7609 241	01-04-2002 12-21-2001 00201	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	FINAL EVALUATION OF AMBIENT MANGANESE CONDITIONS (PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0013
N00217 / 000561 NONE CORRESPONDENC E NONE 3	04-02-2002 01-07-2002 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	RESPONSE TO NAVY'S LETTER DATED 05 DECEMBER 2001 REGARDING THE REMEDIAL DESIGN TO ADDRESS MANGANESE ISSUES ON PARCEL B {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014
N00217 / 000664 DS.0270.17529 & SWDIV SER 06CH.RM/0003 REPORT N62474-94-D-7609 57	01-03-2003 01-08-2002 00270	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	PARCEL B REMEDIAL DESIGN DOCUMENT V, REMEDIAL ACTION MONITORING PLAN (RAMP), REVISION 3 [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY R. MACH] {SEE AR #663 - REVISION 0, 3810 - REVISION 1 AND 3716 - REVISION 2}. ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}***	ADMIN RECORD SENSITIVE	007 018 023 062 PARCEL B	FRC - PERRIS IMAGED HPNT_006	181-07-0027 30093199	BOX 0021
N00217 / 000569 NONE CORRESPONDENC E NONE 3	04-02-2002 01-16-2002 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	COMMENTS ON THE PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES, PARCEL B. ***COMMENTS: {SEE AR #540 - PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES, #570 - COMMENTS BY ARC ECOLOGY, #571 - COMMENTS BY RAB, #573 - COMMUNITY FIRST COALITION & #574 - COMMENTS BY EPA}***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000570 NONE CORRESPONDENC E NONE 3	04-02-2002 01-16-2002 NONE	ARC ECOLOGY C. SHIRLEY NAVFAC - EFA WEST R. MACH	COMMENTS ON THE PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0014	
N00217 / 000573 NONE CORRESPONDENC E NONE 4	04-02-2002 01-16-2002 NONE	COMMUNITY FIRST COALITION L. ASHER NAVFAC - EFA WEST R. MACH	COMMENTS ON THE PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES FOR PARCEL B AND SHORELINE REMEDY. ***COMMENTS: {SEE AR #540 - PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES, #569 - COMMENTS BY DTSC, #570 - COMMENTS BY ARC ECOLOGY, #571 - COMMENTS BY RAB, & #574 - COMMENTS BY EPA}***	ADMIN RECORD	007 PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014	
N00217 / 000571 NONE CORRESPONDENC E NONE 3	04-02-2002 01-17-2002 NONE	RAB MEMBER L. BROWN NAVFAC - EFA WEST R. MACH	RAB MEMBER COMMENTS ON THE SHORELINE REMEDY; RAB MEMBER WAS NOT ABLE TO REVIEW THE PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES FOR PARCEL B. ***COMMENTS: [COMMENTS CONTAIN PRIVATE CITIZEN'S HOME ADDRESS, WHICH IS CONFIDENTIAL] {SEE AR #540 - PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES, #569 - COMMENTS BY DTSC, #570 - COMMENTS BY ARC ECOLOGY, #573 - COMMUNITY FIRST COALITION & #574 - COMMENTS BY EPA}***	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014	
N00217 / 000574 NONE CORRESPONDENC E NONE 2	04-02-2002 01-17-2002 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	COMMENTS ON THE PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES, PARCEL B. ***COMMENTS: {SEE AR #540 - PRE-FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES, #569 - COMMENTS BY DTSC, #570 - COMMENTS BY ARC ECOLOGY, #571 - COMMENTS BY RAB & #573 - COMMUNITY FIRST COALITION}***	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000665 NONE CORRESPONDENC E NONE 2	01-03-2003 01-18-2002 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	COMMENTS ON THE REMEDIAL DESIGN V - REMEDIAL ACTION MONITORING PLAN (RAMP), PARCEL B, REVISION 3	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_015	181-07-0027 30093199	BOX 0021	
N00217 / 000558 DS.0270.17465 & SWDIV SER 06CH.RM/0007 REPORT N62474-94-D-7609 318	04-02-2002 01-22-2002 00270	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	FINAL JULY TO SEPTEMBER 2001 - EIGHTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY R. MACH] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014	
N00217 / 000557 CTO-007/0275 & 0282 MINUTES N68711-95-D-7526 91	04-02-2002 01-24-2002 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS PACKAGE FOR THE 24 JANUARY 2002 RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, PUBLIC NOTICE, ATTENDANCE LIST, MEETING MINUTES FROM 11/29/01 MEETING, REPORTERS TRANSCRIPT OF 01/24/02 MEETING & HANDOUTS. ***COMMENTS: (E- MAIL TRANSMITTING MEETING INFORMATION AND MAILING LIST) DCN: CTO-007/0275 - PRE-MEETING MAILER WAS REPLACED WITH ABOVE UPDATED INFORMATION MATERIAL PACKAGE {PORTION OF MAILING LIST IS CONFIDENTIAL}***	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014	
N00217 / 000666 NONE CORRESPONDENC E NONE 2	01-03-2003 01-24-2002 NONE	U.S. EPA - SAN FRANCISCO C. TROMBADORE NAVFAC - EFA WEST R. MACH	EPA NOTIFICATION THAT THEY WERE NOT ABLE TO MEET THE NAVY'S REQUESTED ONE WEEK REVIEW OF THE REMEDIAL ACTION MONITORING PLAN, PARCEL B, REV. 3; THEY ARE ALSO DELAYING ISSUANCE OF COMMENTS ON THE TECHNICAL MEMORANDUM, PARCEL B - GROUNDWATER EVALUATION	ADMIN RECORD	010 PARCEL B	FRC - PERRIS IMAGED HPNT_006	181-07-0027 30093199	BOX 0021	

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)——
N00217 / 000577 EFAW SER 06CH.RM/0008 CORRESPONDENC E NONE 5	04-02-2002 01-30-2002 NONE	NAVFAC - EFA WEST R. MACH DTSC - BERKELEY C. KAO	RESPONSE TO NAVY'S LETTER DATED 07 JANUARY 2002 REGARDING THE DRAFT FINAL REMEDIAL DESIGN AMENDMENT TO ADDRESS MANGANESE ISSUES ON PARCEL B	ADMIN RECORD	PARCEL B	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014
N00217 / 000580 DS.0011.17267 & SWDIV SER 06CH.RM/0109 REPORT N62474-94-D-7609 336	04-05-2002 02-05-2002 00011	TETRA TECH EM INC. T. LI NAVFAC - SOUTHWEST DIVISION	FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR PHASE III GROUNDWATER DATA GAPS INVESTIGATION (ADDENDUM II) [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY R. MACH] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}. ***COMMENTS: {SEE AR #51 - FINAL FSP/QAPP, PHASE I, #332 - FSP/QAPP ADDENDUM, PHASE II, & #605 - REVISED PLAN ADDENDA}***	ADMIN RECORD SENSITIVE	006 021 022 PARCEL B PARCEL C PARCEL D PARCEL E SITE 00001	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0014
N00217 / 000735 2044 REPORT N62474-98-D-2076 515	06-19-2003 02-14-2002 00033	IT CORPORATION NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY REPORT, BUILDING 123, INSTALLATION RESTORATION SITE 10, PARCEL B, REVISION 0 (APPENDIX D IS MISSING)	ADMIN RECORD	010 BLDG. 123 PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0027
N00217 / 000589 CTO-007/0285 & 0291 MINUTES N68711-95-D-7526 79	04-09-2002 02-28-2002 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIAL PACKAGE FOR THE 28 FEBRUARY 2002 RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, PUBLIC NOTICE, MEETING MINUTES FROM 01/24/02 MEETING, REPORTERS TRANSCRIPT OF 02/28/02 MEETING, ATTENDANCE SHEET AND HANDOUTS. ***COMMENTS: ALSO, INCLUDES - PROPOSED AMENDED RAB BYLAWS, DATED 02/06/02 - E-MAIL TRANSMITTING BYLAWS IS CONFIDENTIAL & GENERAL MAILING LIST {PORTION OF MAILING LIST IS CONFIDENTIAL} [DCN: CTO- 007/0285 - PRE-MEETING MAILER WAS REPLACED WITH ABOVE UPDATED INFORMATION MATERIAL PACKAGE]***	ADMIN RECORD SENSITIVE	010 PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_005	181-07-0027 30093199	BOX 0015

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 000583 CTO-007/0281 MISC N68711-95-D-7526 11	04-05-2002 03-07-2002 00007	BECHTEL ENVIRONMENTAL, INC. J. BAILEY NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER: BAY AREA RAB MEMBERS PARTICIPATE AT WORKSHOP, OCTOBER-DECEMBER 2001 - INCLUDES E-MAIL AND MAILING LIST {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	010 026 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_002	181-07-0027 30093199	BOX 0015
N00217 / 000590 DS.A003.10001 REPORT N68711-00-D-0005 141	04-09-2002 03-21-2002 DO 0003	TETRA TECH EM INC. WANTA, M. NAVFAC - SOUTHWEST DIVISION DEMARS, D.	BASEWIDE HEALTH AND SAFETY PLAN {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_005	181-07-0027 30093199	BOX 0015
N00217 / 000778 3657.0 CORRESPONDENC E N62474-98-D-2076 100	10-31-2003 03-25-2002 00081	IT CORPORATION M. BLUME NAVFAC - SOUTHWEST DIVISION	DRAFT WORK PLAN ADDENDUM NO. 2 CONTINUED REMEDIAL ACTION AT PARCEL B - WASTE CONSOLIDATION, REVISION 0	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 000603 CTO-007/0299 MISC N68711-95-D-7526 108	06-27-2002 03-28-2002 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE 28 MARCH 2002 RESTORATION ADVISORY BOARD MEETING INCLUDING: AGENDA, PUBLIC NOTICE, MINUTES FROM 02/28/02 MEETING, TRANSCRIPT OF 28 MARCH MEETING, PROPOSED AMENDED RAB BYLAWS, MONTHLY PROGRESS REPORT, AND HANDOUTS	ADMIN RECORD	PARCEL B PARCEL C	FRC - PERRIS IMAGED HPNT_005	181-07-0027 30093199	BOX 0017

UIC No. / Rec. No.							
Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)——
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites		
N00217 / 001450 SW SER 06CH.KF/0342 CORRESPONDENC E NONE 3	10-29-2008 04-06-2002 NONE	NAVFAC - SOUTHWEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE 1) DRAFT QUALITY ASSURANCE PROJECT PLAN ADDENDUM, REMEDIAL ACTION MONITORING PLAN, AND 2) DRAFT FIELD SAMPLING PLAN ADDENDUM, REMEDIAL ACTION MONITORING PLAN (PORTION OF THE MAILING LIST IS SENSITIVE) [W/OUT ENCLOSURE]. ***COMMENTS: ENCLOSURES 1 AND 2 WERE NOT SUBMITTED TO THE ADMINISTRATIVE RECORDS***	ADMIN RECORD SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 000615 CTO-007/0311 MISC N68711-95-D-7526 77	08-09-2002 04-25-2002 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 25 APRIL 2002 RESTORATION ADVISORY BOARD MEETING WHICH INCLUDES: AGENDA, PUBLIC NOTICE, MINUTES FROM 28 MARCH 2002 MEETING, TRANSCRIPT OF MINUTES FROM 25 APRIL 2002 MEETING, MONTHLY PROGRESS REPORT, AND HANDOUTS	ADMIN RECORD INFO REPOSITORY	007 018 029 BLDG. 123 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_006	181-07-0027 BOX 0019 30093199
N00217 / 000620 CTO-007/0305 MISC N68711-95-D-7526 62	08-09-2002 05-30-2002 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 30 MAY 2002 RESTORATION ADVISORY BOARD MEETING WHICH INCLUDES: AGENDA, PUBLIC NOTICE, MINUTES FROM 25 APRIL 2002 MEETING, TRANSCRIPT OF MINUTES FROM 30 MAY 2002 MEETING, MONTHLY PROGRESS REPORT, AND HANDOUTS	ADMIN RECORD INFO REPOSITORY	007 012 018 021 059 BLDG. 815 BLDG. 830 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F SITE 00001 SITE 00003	FRC - PERRIS IMAGED HPNT_006	181-07-0027 BOX 0019 30093199

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location	FRC Accession No.		
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000598 TC.0201.11606 & SWDIV SER 06CH.KF/0604 CORRESPONDENC E N62474-94-D-7609 54	06-27-2002 06-11-2002 00201	NAVFAC - SOUTHWEST DIVISION K. FORMAN U.S. EPA - SAN FRANCISCO C. TROMBADORE	COMPILED RESPONSE TO COMMENTS ON THE FINAL EVALUATION OF AMBIENT MANGANESE CONDITIONS - INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN [COMMENTS BY EPA, DTSC, & SAN FRANCISCO REDEVELOPMENT AGENCY] (SEE AR #552 - FINAL EVALUATION). ***COMMENTS: [PORTION OF MAILING LIST IS CONFIDENTIAL]***	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D	FRC - PERRIS IMAGED HPNT_005	181-07-0027 30093199	BOX 0017	
N00217 / 000621 CTO-007/0312 MISC N68711-95-D-7526 82	08-09-2002 06-27-2002 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 27 JUNE 2002 RESTORATION ADVISORY BOARD MEETING WHICH INCLUDES: AGENDA, PUBLIC NOTICE, MINUTES FROM 30 MAY 2002 MEETING, TRANSCRIPT OF MINUTES FROM 27 JUNE 2002 MEETING, MONTHLY PROGRESS REPORT, AND HANDOUTS	ADMIN RECORD INFO REPOSITORY	007 018 059 BLDG. 123 BLDG. 816 BLDG. 821 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_006	181-07-0027 30093199	BOX 0019	
N00217 / 000613 TC.0201.11547 & SWDIV SER 06CH.KF/0701 CORRESPONDENC E N62474-94-D-7609 137	07-20-2002 07-12-2002 00201	TETRA TECH EM INC. T. O'CONNOR NAVFAC - SOUTHWEST DIVISION	SAMPLING AND ANALYSIS PLAN (FIELD SAMPLING PLAN/QUALITY ASSURANCE PROJECT PLAN) FOR BASEWIDE GROUNDWATER SAMPLING FOR PETROLEUM HYDROCARBONS [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN]. ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}***	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_005	181-07-0027 30093199	BOX 0018	

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)——
N00217 / 000641	09-26-2002	BECHTEL	PUBLIC INFORMATION MATERIAL PACKAGE	ADMIN RECORD	007	FRC - PERRIS		181-07-0027 BOX 0020
CTO-007/0317 &	07-25-2002	ENVIRONMENTAL,	FOR THE 25 JULY 2002 RESTORATION	INFO REPOSITORY	018			30093199
0319	00007	INC.	ADVISORY BOARD (RAB) MEETING -	SENSITIVE	021	IMAGED		
MISC			INCLUDES REPORTER'S TRANSCRIPT OF		BLDG. 103	HPNT_013		
N68711-95-D-7526		NAVFAC -	25 JULY 2002 MEETING, AGENDA, MINUTES		BLDG. 113			
102		SOUTHWEST	FROM 27 JUNE 2002 MEETING, MONTHLY		BLDG. 123			
		DIVISION	PROGRESS REPORT, PRESENTATION		BLDG. 130			
			MATERIALS, ETC.. ***COMMENTS:		BLDG. 134			
			PORTION OF MAILING LIST AND PRE-		BLDG. 146			
			MEETING NOTICE EMAIL ARE		BLDG. 211			
			CONFIDENTIAL - DCN: CTO-007/0317 - PRE-		BLDG. 214			
			MEETING MAILER WAS REPLACED WITH		BLDG. 224			
			ABOVE UPDATED INFORMATION		BLDG. 241			
			PACKAGE***		BLDG. 253			
					BLDG. 272			
					BLDG. 274			
					BLDG. 313			
					BLDG. 317			
					BLDG. 322			
					BLDG. 351			
					BLDG. 364			
					BLDG. 365			
					BLDG. 366			
					BLDG. 406			
					BLDG. 414			
					BLDG. 506			
					BLDG. 507			
					BLDG. 509			
					BLDG. 510			
					BLDG. 517			
					BLDG. 520			
					BLDG. 529			
					BLDG. 707			
					BLDG. 708			
					BLDG. 810			

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Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)——
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites		
					BLDG. 815		
					BLDG. 816		
					BLDG. 820		
					BLDG. 821		
					BLDG. 830		
					BLDG. 831		
					PARCEL A		
					PARCEL B		
					PARCEL C		
					PARCEL D		
					PARCEL E		
					SITE 00001		
					SITE 00002		
N00217 / 000610	07-20-2002	TETRA TECH EM	JANUARY TO MARCH 2002 - NINTH	ADMIN RECORD	006	FRC - PERRIS	181-07-0027 BOX 0017
DS.0270.17728 &	08-16-2002	INC.	QUARTERLY GROUNDWATER SAMPLING	SENSITIVE	007		30093199
DS.0191.17780	00270	R. LANTZ	REPORT, PARCEL B [INCLUDES PUBLIC		010	IMAGED	
REPORT		NAVFAC -	SUMMARY AND SWDIV TRANSMITTAL		018	HPNT_005	
N62474-94-D-7609		SOUTHWEST	LETTER BY K. FORMAN (SER 06CH.KF/0657)]		024		
255		DIVISION	{PORTION OF MAILING LIST IS		026		
			CONFIDENTIAL; CD COPY ENCLOSED).		046		
			***COMMENTS: ALSO INCLUDES		BLDG. 123		
			RESPONSES TO US EPA AND DTSC		PARCEL B		
			COMMENTS (TRANSMITTAL SER				
			06CH.KF/0823) & REPLACEMENT PAGES				
			FOR REPORT FORMERLY DATED 28 JUNE				
			2002: NEW TITLE PAGE, TOC, PAGES 3-4, 11-				
			12, APPENDIX B - SAMPLING WELL SHEET				
			FOR WELL IR46MW37A & APPENDIX G -				
			MONITORING WELL DEVELOPMENT				
			SHEETS***				
N00217 / 000634	09-06-2002	TETRA TECH EM	DRAFT ADDENDUM TO THE FIELD	ADMIN RECORD	007	SOUTHWEST	
DS.0201.17472 &	08-23-2002	INC.	SAMPLING PLAN FOR CONFIRMATION	SENSITIVE	010	DIVISION - BLDG. 12	
SWDIV SER	00201	M. WANTA	SAMPLING & ANALYSIS PLAN FOR		026	SW051014-01	
06CH.KF/0844		NAVFAC -	REMEDIAL ACTION {PORTION OF MAILING		PARCEL B		
REPORT		SOUTHWEST	LIST IS CONFIDENTIAL; CD COPY				
N62474-94-D-7609		DIVISION	ENCLOSED}				
40							

UIC No. / Rec. No.							
Doc. Control No.	Prc. Date	Author Affil.					
Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 000625	09-04-2002	IT CORPORATION	FINAL WORK PLAN ADDENDUM NO. 2	ADMIN RECORD	BLDG. 103	SOUTHWEST	
4492 & SWDIV SER	08-26-2002	W. AKIYAMA	CONTINUED REMEDIAL ACTION AT PARCEL	SENSITIVE	BLDG. 104	DIVISION - BLDG. 1	
06CH.KF/0848	00081	NAVFAC -	B - WASTE CONSOLIDATION [INCLUDES		BLDG. 109		
CORRESPONDENC		SOUTHWEST	SWDIV TRANSMITTAL LETTER FROM K.		BLDG. 113		
E		DIVISION	FORMAN WHICH CONTAINS SOME		BLDG. 115		
N62474-98-D-2076			CONFIDENTIAL ADDRESSES].		BLDG. 116		
150			***COMMENTS: INCLUDES FIELD SAMPLING		BLDG. 117		
			PLAN ADDENDUM AND QUALITY		BLDG. 120		
			ASSURANCE PROJECT PLAN ADDENDUM***		BLDG. 121		
					BLDG. 122		
					BLDG. 123		
					BLDG. 125		
					BLDG. 128		
					BLDG. 129		
					BLDG. 130		
					BLDG. 131		
					BLDG. 132		
					BLDG. 133		
					BLDG. 140		
					BLDG. 141		
					BLDG. 144		
					BLDG. 145		
					BLDG. 146		
					BLDG. 150		
					BLDG. 156		
					BLDG. 157		
					BLDG. 159		
					BLDG. 163		
					PARCEL B		
N00217 / 000640	09-18-2002	TETRA TECH EM	SAMPLING AND ANALYSIS PLAN (FIELD	ADMIN RECORD	010	FRC - PERRIS	181-07-0027 BOX 0020
TC.0201.11650	08-30-2002	INC.	SAMPLING PLAN/QUALITY ASSURANCE		PARCEL B		30093199
CORRESPONDENC	00201	M. WANTA	PROJECT PLAN) FOR SOIL VAPOR			IMAGED	
E		NAVFAC -	EXTRACTION CONFIRMATION AND			HPNT_013	
N62474-94-D-7609		SOUTHWEST	GROUNDWATER CHROMIUM				
214		DIVISION	INVESTIGATION FIELD ACTIVITIES (CD				
		R. PRIBYL	COPY ENCLOSED)				

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 000638 TC.0201.11623 & SWDIV SER 06CH.KF/0934 CORRESPONDENC E N62474-94-D-7609 67	09-18-2002 09-10-2002 00201	TETRA TECH EM INC. WANTA, M. NAVFAC - SOUTHWEST DIVISION	DRAFT TECHNICAL MEMORANDUM - INTERPRETATION OF FILL CONDITIONS (INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN) (CD COPY ENCLOSED) [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD SENSITIVE	007 018 PARCEL B	FRC - PERRIS IMAGED HPNT_013	181-07-0027 30093199	BOX 0019
N00217 / 000636 DS.0191.17786 & SWDIV SER 06CH.RP/0958, KF/0139 REPORT N62474-94-D-7609 194	09-18-2002 11-08-2002 00191	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	APRIL TO JUNE 2002 - TENTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] (PORTION OF MAILING LIST IS CONFIDENTIAL) (CD COPY ENCLOSED). ***COMMENTS: INCLUDES REPLACEMENT PAGES: NEW TITLE/SIGNATURE PAGE WITH DATE CHANGE FROM 13 SEPTEMBER 2002 TO 8 NOVEMBER 2002, FIGURE 3, TABLE 4, TABLE 8, APPENDIX B SAMPLING SHEETS FOR VARIOUS WELLS (DO NO. 047, DOC. CONTROL #: TC.A047.10028 AND CONTRACT NO. N68711-00-D-005)***	ADMIN RECORD SENSITIVE	006 007 010 025 026 046 061 PARCEL B	FRC - PERRIS IMAGED HPNT_013	181-07-0027 30093199	BOX 0019
N00217 / 000650 TC.A047.10028 & SWDIV SER 06CH.KF/0139 CORRESPONDENC E N68711-00-D-0005 13	11-12-2002 11-08-2002 DO 0047	NAVFAC - SOUTHWEST DIVISION K. FORMAN U.S. EPA - SAN FRANCISCO C. TROMBADORE	TRANSMITTAL OF RESPONSES TO COMMENTS ON THE APRIL TO JUNE 2002 - TENTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B (W/ ENCLOSURE) [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD SENSITIVE	007 010 026 046 PARCEL B	FRC - PERRIS IMAGED HPNT_013	181-07-0027 30093199	BOX 0020

UIC No. / Rec. No.							
Doc. Control No.	Prc. Date	Author Affil.					
Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 000653	11-26-2002	TETRA TECH EM	DRAFT CONSTRUCTION SUMMARY	ADMIN RECORD	010	SOUTHWEST	
DS.0191.17796 &	11-18-2002	INC.	REPORT FOR PARCEL B, VOLUMES I-IV	SENSITIVE	018	DIVISION - BLDG. 1	
SWDIV SER	00191	M. WANTA	[INCLUDES PUBLIC SUMMARY AND SWDIV		020	10/25/06 - FOR RE-	
06CH.KF/0160		NAVFAC -	TRANSMITTAL LETTER FROM K. FORMAN]		023	QA/QC	
REPORT		SOUTHWEST	{PORTION OF MAILING LIST IS		024	IMAGED	
N62474-94-D-7609		DIVISION	CONFIDENTIAL; CD COPY ENCLOSED) (SEE		026	HPNT_010	
1371			AR #4063 - DRAFT CONSTRUCTION		042		
			SUMMARY REPORT ADDENDUM)		060		
					061		
					062		
					PARCEL B		

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location	FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 000655	12-04-2002	IT CORPORATION	DRAFT FINAL WASTE CONSOLIDATION	ADMIN RECORD	BLDG. 103	FRC - PERRIS	181-07-0027	BOX 0020
5105 & SWDIV SER	11-21-2002	B. WOMACK	SUMMARY REPORT FOR PARCEL B	SENSITIVE	BLDG. 104		30093199	
06CH.JP/0193	00081	NAVFAC -	[INCLUDES SWDIV TRANSMITTAL LETTER		BLDG. 109	IMAGED		
REPORT		SOUTHWEST	FROM K. FORMAN AND RESPONSE TO		BLDG. 113	HPNT_013		
N62474-98-D-2076		DIVISION	COMMETNS ON THE DRAFT WAST		BLDG. 114			
542			CONSOLIDATION SUMMARY REPORT]		BLDG. 115			
			{PORTION OF MAILING LIST IS		BLDG. 116			
			CONFIDENTIAL}		BLDG. 117			
					BLDG. 120			
					BLDG. 121			
					BLDG. 122			
					BLDG. 123			
					BLDG. 125			
					BLDG. 128			
					BLDG. 129			
					BLDG. 130			
					BLDG. 131			
					BLDG. 132			
					BLDG. 133			
					BLDG. 140			
					BLDG. 141			
					BLDG. 144			
					BLDG. 145			
					BLDG. 146			
					BLDG. 150			
					BLDG. 156			
					BLDG. 157			
					BLDG. 159			
					BLDG. 163			
					PARCEL B			

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Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)——
N00217 / 000671 CTO-007-0345 MINUTES N68711-95-D-7526 78	02-07-2003 12-05-2002 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE RESTORATION ADVISORY BOARD MEETING FOR 05 DECEMBER 2002 - INCLUDES AGENDA, MEETING MINUTES FROM 10/24/02, HANDOUTS, AND REPORTER'S TRANSCRIPT FROM THE 12/05/02 MEETING - INCLUDES TRANSMITTAL LETTER BY J. ARGYRES	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_006	181-07-0027 30093199	BOX 0021
N00217 / 000657 CTO-007/0335 MISC N68711-95-D-7526 15	12-19-2002 12-12-2002 00007	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER SUMMER/FALL EXPANDED ISSUE: "AMBIENT AIR AND SOIL GAS SURVEYS CONDUCTED AT PARCEL E LANDFILL - REMOVAL ACTION UNDERWAY", APRIL- SEPTEMBER 2002 {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	007 018 BLDG. 123 BLDG. 364 BLDG. 406 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS IMAGED HPNT_006	181-07-0027 30093199	BOX 0021
N00217 / 000654 TC.A047.10035 & 10044 & SER 06CH.KF/0190 & 0325 REPORT N68711-00-D-0005 221	11-27-2002 01-07-2003 DO 0047	TETRA TECH EM INC. EARLY, V. NAVFAC - SOUTHWEST DIVISION	JULY TO SEPTEMBER 2002 ELEVENTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B [INCLUDES PUBLIC SUMMARY, RESPONSE TO COMMENTS, AND SWDIV TRANSMITTAL LETTERS BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}. ***COMMENTS: DOCUMENT REVISED TO INCLUDE REPLACEMENT PAGES AND RESPONSES TO COMMENTS (TC.A047.10044). ORIGINAL DOCUMENT IS DATED 11/26/02 (TC.A047.10035).***	ADMIN RECORD SENSITIVE	006 007 008 010 018 020 025 026 046 060 061 062 PARCEL B	FRC - PERRIS IMAGED HPNT_010	181-07-0027 30093199	BOX 0020

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.	
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 000802 DS.A047.10677 & SWDIV SER 06CH.KF/0481 CORRESPONDENC E N68711-00-D-0005 30	03-11-2004 02-24-2003 DO 0047	TETRA TECH EM INC. BIELSKIS, D. NAVFAC - SOUTHWEST DIVISION BROOKS, P.	FINAL ADDENDUM TO THE FIELD SAMPLING PLAN FOR CONFIRMATION SAMPLING AND ANALYSIS PLAN, PARCEL B REMEDIAL ACTION [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}. ***COMMENTS: (SEE AR # 166 - DRAFT FINAL REVISION 1 - REMEDIAL DESIGN DOCUMENTS AMENDMENT AND #394 - FINAL REMEDIAL DESIGN DOCUMENTS ADDENDUM)***	ADMIN RECORD SENSITIVE	PARCEL B		SOUTHWEST DIVISION - BLDG. 1		
N00217 / 000686 DS.A500.10652 & SWDIV SER 06CH.KF/0605 MISC N68711-00-D-0005 100	04-01-2003 03-28-2003 DO 0500	TETRA TECH EM INC. MOWER, T. NAVFAC - SOUTHWEST DIVISION	FINAL TECHNICAL MEMORANDUM OF THE INTERPRETATION OF FILL CONDITIONS [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}. ***COMMENTS: INCLUDES REPLACEMENT PAGES (PAGES 5-6 AND 11; BOREHOLE LOG: IR18MW21AD; AND FIGURES D-1, D-5, AND F-15) AND ELECTRONIC VERSION OF RESPONSE TO COMMENTS. ORIGINAL RESPONSE TO COMMENTS ISSUED ON 07/18/03 (TC.A0500.10121) AND REVISED RESPONSE TO COMMENTS ISSUED 08/29/03 (TC.A0500.10121-1).***	ADMIN RECORD SENSITIVE	007 018 PARCEL B		SOUTHWEST DIVISION - BLDG. 1 BX-013		
N00217 / 000703 5704.0 & SWDIV SER 06CH.KF/0569 REPORT N62474-98-D-2076 535	05-15-2003 04-17-2003 00081	IT CORPORATION B. WOMACK NAVFAC - SOUTHWEST DIVISION	FINAL WASTE CONSOLIDATION SUMMARY REPORT FOR PARCEL B, REVISION 0 [INCLUDES RESPONSE TO COMMENTS TO THE DRAFT FINAL REPORT AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	PARCEL B		FRC - PERRIS IMAGED HPNT_013	181-07-0027 30093199	BOX 0024
N00217 / 000704 DS.A003.10101 & SWDIV SER 06CH.CM/0788 REPORT N68711-00-D-0005 105	05-22-2003 05-15-2003 DO 0003	TETRA TECH EM INC. J. BAKER NAVFAC - SOUTHWEST DIVISION C. MAZOWIECKI	DRAFT PARCEL E NONSTANDARD DATA GAPS INVESTIGATION, WETLANDS DELINEATION AND FUNCTIONS AND VALUES ASSESSMENT FOR PARCELS B AND E [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN]. ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}***	ADMIN RECORD SENSITIVE	PARCEL B PARCEL E		FRC - PERRIS IMAGED HPNT_013	181-07-0027 30093199	BOX 0024

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location	FRC Accession No.		
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000681 DS.A047.10289, 10290, SWDIV SER 06CH.KF/0501, 0822 REPORT N68711-00-D-0005 511	03-24-2003 05-23-2003 DO 0047	TETRA TECH EM INC. R. MEOZZI NAVFAC - SOUTHWEST DIVISION	FINAL JANUARY TO DECEMBER 2002 ANNUAL GROUNDWATER SAMPLING REPORT, PARCEL B [INCLUDES PUBLIC SUMMARY, REPLACEMENT PAGES, RESPONSE TO COMMENTS ON THE DRAFT]. ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED} REPLACEMENT PAGES WERE ISSUED TO MAKE DRAFT DATED 02/28/03 INTO FINAL.***	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_015	181-07-0027 30093199	BOX 0021	
N00217 / 000803 28066607.20000 & SWDIV SER 06CH.KF/1035 REPORT N68711-02-D-8304 313	03-11-2004 07-10-2003 DO 0003	ERRG NAVFAC - SOUTHWEST DIVISION BROOKS, P.	DRAFT WORK PLAN AND SAMPLING ANALYSIS PLAN FOR ZERO-VALENT IRON INJECTION TREATABILITY STUDY, PARCELS B AND C [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	010 028 PARCEL B PARCEL C	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0031	
N00217 / 000763 02-125.03.0078 & SWDIV SER 06CH.KF/1169 REPORT N68711-02-D-8213 636	10-17-2003 08-11-2003 00003	INNOVATIVE TECHNICAL SOLUTIONS, INC. HESS, R. NAVFAC - SOUTHWEST DIVISION	JANUARY TO MARCH 2003 THIRTEENTH QUARTERLY GROUNDWATER SAMPLING REPORT, PARCEL B [INCLUDES REPOSE TO COMMENTS DATED 05/30/03 AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0028	
N00217 / 000750 DS.A057.10920 & SWDIV SER 06CH.KF.1188 REPORT N68711-00-D-0005 106	08-26-2003 08-14-2003 DO 0057	TETRA TECH EM INC. J. BAKER NAVFAC - SOUTHWEST DIVISION	FINAL PARCEL E NONSTANDARD DATA GAPS INVESTIGATION, WETLANDS DELINEATION AND FUNCTIONS AND VALUES ASSESSMENT, PARCELS B AND E [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN]. ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}***	ADMIN RECORD SENSITIVE	PARCEL B PARCEL E	FRC - PERRIS IMAGED HPNT_023	181-07-0027 30093199	BOX 0027	

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Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 000684 TC.A047.10137 & SWDIV SER 06CH.KF/1198 MISC N68711-00-D-0005 10	03-24-2003 08-19-2003 DO 0047	TETRA TECH EM INC. DAVENPORT, D. NAVFAC - SOUTHWEST DIVISION	FINAL SOIL VAPOR EXTRACTION CONFIRMATION STUDY SUMMARY BUILDING 123, INSTALLATION RESTORATION SITE 10, PARCEL B WITH RESPONSE TO COMMENTS TO THE DRAFT VERSION [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN]. ***COMMENTS: INCLUDES REPLACEMENT PAGES - COVER PAGE AND FIGURES 2 THROUGH 5. DRAFT VERSION ISSUED ON 3/14/03 (TC.A047.10078, SWDIV SER 06CH.KF/0554).***	ADMIN RECORD	010 PARCEL B	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET		
N00217 / 000761 02-125.03.0081 MISC N68711-02-D-8213 20	10-17-2003 09-04-2003 00003	INNOVATIVE TECHNICAL SOLUTIONS, INC. NAVFAC - SOUTHWEST DIVISION	AMENDMENT SHEET TO THE CHEMICAL DATA ACQUISITION PLAN FOR PARCEL B QUARTERLY GROUNDWATER MONITORING PLAN	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 000762 02- 307.01.0011SWDIV SER 06CH.KF/1328 REPORT N68711-02-D-8303 180	10-17-2003 09-19-2003 00003	INNOVATIVE TECHNICAL SOLUTIONS, INC. EHLERS, E. NAVFAC - SOUTHWEST DIVISION	DRAFT WORK PLAN FOR THE PHASE III SOIL VAPOR EXTRACTION TREATABILITY STUDY, PARCEL B [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0028
N00217 / 000773 02-307.01.0034 REPORT N68711-02-D-8303 105	10-17-2003 10-01-2003 00003	INNOVATIVE TECHNICAL SOLUTIONS NAVFAC - SOUTHWEST DIVISION	PLANNING DOCUMENTS FOR THE PHASE III SOIL VAPOR EXTRACTION TREATABILITY STUDY, PARCEL B [INCLUDES HEALTH AND SAFETY PLAN, TRANSPORTATION AND DISPOSAL PLAN AND DATA MANAGEMENT PLAN] {CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_023	181-07-0027 30093199	BOX 0028

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location	FRC Accession No.		
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000766 DS.A057.10754 & SWDIV SER 06CH.KF/1336 REPORT N68711-00-D-0005 140	10-17-2003 10-03-2003 DO 0057	TETRA TECH EM INC. A. CHAKRABARTI NAVFAC - SOUTHWEST DIVISION P. BROOKS	DRAFT PARCEL B SHORELINE CHARACTERIZATION TECHNICAL MEMORANDUM [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0028	
N00217 / 004034 02-125.03.0107 & SWDIV SER 06CH.KF/1478 REPORT N68711-02-D-8213 583	07-21-2004 11-14-2003 00003	INNOVATIVE TECHNICAL SOLUTIONS J. HESS NAVFAC - SOUTHWEST DIVISION	FINAL FOURTEENTH QUARTERLY GROUNDWATER SAMPLING REPORT [INCLUDES RESPONSE TO COMMENTS ON THE DRAFT AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}. ***COMMENTS: REPLACEMENT PAGES ISSUED TO MAKE DRAFT DATED 08/22/03 (02-125.03.0076 & SWDIV SER 06CH.KF/1211) INTO FINAL. REPLACED PAGES: TITLE PAGE, PAGES 3, 4, 11, 12, 15, 16, 17, AND 18 AND APPENDIX A.***	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0084	
N00217 / 000800 SWDIV SER NO. 06CH.KF/1520 REPORT N68711-02-D-8304 290	02-11-2004 11-19-2003 00003	ERRG N. MORGAN NAVFAC - SOUTHWEST DIVISION	FINAL WORK PLAN AND SAMPLING AND ANALYSIS PLAN FOR ZERO - VALENT IRON INJECTION TREATABILITY STUDY [INCLUDES SWDIV TRANSMITTAL BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	010 PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0031	
N00217 / 000786 DS.A057.10749 & SWDIV SER 06CH.KF/1550 REPORT N68711-00-D-0005 182	01-21-2004 12-10-2003 DO 0057	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL FIRST FIVE-YEAR REVIEW OF REMEDIAL ACTIONS IMPLEMENTED (INCLUDES PUBLIC SUMMARY, SWDIV TRANSMITTAL LETTER, AND CD COPY) [PORTION OF MAILING LIST IS SENSITIVE]	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_018	181-07-0027 30093199	BOX 0030	

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Record Type	Record Date	Author				Location		FRC Accession No.
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 000805 02-125.03.0159 REPORT N68711-02-D-8213 1147	03-11-2004 02-20-2004 00003	INNOVATIVE TECHNICAL SOLUTIONS, INC. HESS, J. NAVFAC - SOUTHWEST DIVISION	DRAFT JANUARY TO DECEMBER 2003 16TH QUARTERLY/4TH ANNUAL GROUNDWATER SAMPLING REPORT	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0031
N00217 / 000814 02.125.02.29-11 MINUTES NONE 23	05-04-2004 02-26-2004 NONE	INNOVATIVE TECHNICAL SOLUTIONS, INC RAB MEMBERS	26 FEBRUARY 2004 PUBLIC INFORMATION MATERIAL PACKAGE FOR THE RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES AGENDA, 01/22/04 MEETING REPORTER'S TRANSCRIPT, 02/26/04 MEETING MINUTES, JANUARY 2004 MONTHLY PROGRESS REPORT AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0032
N00217 / 000787 02-125.03.0183 & SWDIV SER 06CH.KF/0256 REPORT N68711-92-D-8213 727	01-21-2004 03-08-2004 00003	INNOVATIVE TECHNICAL SOLUTIONS J. HESS NAVFAC - SOUTHWEST DIVISION	FINAL JULY TO SEPTEMBER 2003 FIFTEENTH QUARTERLY GROUNDWATER SAMPLING REPORT WITH RESPONSE TO COMMENTS ON THE DRAFT VERSION [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}. ***COMMENTS: REPLACEMENT PAGES ISSUED TO MAKE DRAFT DOCUMENT (11/20/03, 02-125.03.0131 & SWDIV SER 06CH.KF/1496) FINAL. REPLACED PAGES: TITLE PAGE, TABLE 8, PAGES 25, 26, 29, 30, A-65, A-66, AND MONITORING WELL PURGE AND SAMPLE FORM***	ADMIN RECORD SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_018	181-07-0027 30093199	BOX 0030
N00217 / 003998 DS.A057.10755 & SWDIV SER 06CH.KF/0321 REPORT N68711-00-D-0005 192	03-29-2004 03-23-2004 DO 0057	TETRA TECH EM INC. CHAKRABARTI, A. NAVFAC - SOUTHWEST DIVISION	FINAL PARCEL B SHORELINE CHARACTERIZATION TECHNICAL MEMORANDUM [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0082

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Record Type	Record Date	Author				Location	FRC Accession No.		
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 004000 04-1414 & SWDIV SER 06CH.KF/0320 REPORT N68711-98-D-5713 149	03-30-2004 03-24-2004 00070	TETRA TECH EM INC. G. STARR NAVFAC - SOUTHWEST DIVISION	DRAFT POST - CONSTRUCTION REPORT REVISION 0 DECONTAMINATE PROCESS EQUIPMENT, CONDUCT WASTE CONSOLIDATION AND PROVIDE ASBESTOS SERVICES IN PARCELS B,C, D. ***COMMENTS: INCLUDES TRANSMITTAL LETTER BY K. FORMAN), [PORTION OF MAILING LIST IS CONFIDENTIAL], (CD COPY ENCLOSED)***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_023	181-07-0027 30093199	BOX 0083	
N00217 / 000809 SWDIV SER 06CH.KF/0378 REPORT N68711-02-D-8310 323	04-30-2004 04-09-2004 00003	TPA-CKY JOINT VENTURE T. YU NAVFAC - SOUTHWEST DIVISION	DRAFT WORK PLAN FOR THE TOTAL PETROLEUM HYDROCARBON PROGRAM IMPLEMENTATION OF CORRECTIVE ACTION PLAN - SOIL REMOVAL, PARCELS B, C, D, AND E [INCLUDES SAMPLING AND ANALYSIS PLAN AND HEALTH AND SAFETY PLAN]. ***COMMENTS: [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0031	
N00217 / 000810 02-307.01.0002, 02- 307.01.0067 & SER 06CH.KF/0423 REPORT N68711-02-D-8303 207	04-30-2004 04-14-2004 00003	INNOVATIVE TECHNICAL SOLUTIONS E. EHLERS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL WORK PLAN FOR THE PHASE III SOIL VAPOR EXTRACTION TREATABILITY STUDY, PARCEL B [INCLUDES RESPONSE TO COMMENTS ON THE DRAFT WORK PLAN AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_020	181-07-0027 30093199	BOX 0031	
N00217 / 004049 NONE REPORT N68711-02-D-8304 66	08-16-2004 05-27-2004 00003	ERRG C. LECOMPTE NAVFAC - SOUTHWEST DIVISION R. AHLERSMEYER	DRAFT COST AND PERFORMANCE REPORT ZERO-VALENT IRON INJECTION TREATABILITY STUDY. ***COMMENTS: AS PER RPM IR COPY ALREADY AT THE LIBRARY***	ADMIN RECORD	BLDG. 123 PARCEL B	FRC - PERRIS IMAGED HPNT_023	181-07-0027 30093199	BOX 0086	
N00217 / 000927 NONE CORRESPONDENC E NONE 3	06-06-2006 06-10-2004 NONE	CRWQCB - OAKLAND J. PONTON BRAC PMO WEST K. FORMAN	COMMENTS ON THE WORK PLAN PHASE III SOIL VAPOR EXTRACTION TREATABILITY STUDY	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 110			

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)		FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 000932 NONE CORRESPONDENC E NONE 4	06-06-2006 06-10-2004 NONE	CRWQCB - OAKLAND J. PONTON BRAC PMO WEST K. FORMAN	COMMENTS ON THE DRAFT WORK PLAN FOR TOTAL PETROLEUM HYDROCARBON PROGRAM - IMPLEMENTATION OR CORRECTIVE ACTION PLAN (CAP) SOIL REMOVAL	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	SOUTHWEST DIVISION - BLDG. 110			
N00217 / 004095 SWDIV SER 06CH.KF/0698 REPORT N68711-02-D-8310 1000	02-02-2005 06-23-2004 00003	TPA-CKY JOINT VENTURE T. YU NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL WORK PLAN TOTAL PETROLEUM HYDROCARBON PROGRAM CORRECTIVE ACTION IMPLEMENTATION PLAN - SOIL REMOVAL [INCLUDES RESPONSE TO COMMENTS ON THE DRAFT, SAMPLING AND ANALYSIS PLAN, HEALTH AND SAFETY PLAN AND TRANSPORTATION AND DISPOSAL PLAN]. ***COMMENTS: [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	SOUTHWEST DIVISION - BLDG. 110			
N00217 / 004037 SER 06CH.KF/0651 REPORT NONE 68	07-26-2004 06-25-2004 NONE	ERRG NAVFAC - SOUTHWEST DIVISION R. AHLERSMEYER	FINAL COST AND PERFORMANCE REPORT FOR THE ZERO-VALENT IRON INJECTION TREATABILITY STUDY [INCLUDES SWDIV TRASMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	BLDG. 123 PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0084	
N00217 / 004036 PROJ NO. 41330- 2.09 & SWDIV SER 06CH.KF/0734 REPORT N68711-00-D-0004 279	07-21-2004 07-20-2004 DO 0074	KLEINFELDER, INC. S. WISSLER NAVFAC - SOUTHWEST DIVISION	DRAFT JANUARY TO MARCH 2004 SEVENTEENTH QUARTERLY GROUNDWATER SAMPLING REPORT [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_022	181-07-0027 30093199	BOX 0084	
N00217 / 004047 SWDIV SER 06CH.KF/0798 REPORT N68711-02-D-8213 1169	08-10-2004 08-04-2004 00003	INNOVATIVE TECHNICAL SOLUTIONS R. HESS NAVFAC - SOUTHWEST DIVISION	FINAL JANUARY TO DECEMBER 2003, 16TH QUARTERLY/4TH ANNUAL GROUNDWATER SAMPLING REPORT [INCLUDES INCLUDES RESPONSE TO COMMENTS ON THE DRAFT AND SWDIV TRANSMITTAL LETTER BY G. BROOKS]. ***COMMENTS: {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_016	181-07-0027 30093199	BOX 0085	

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N00217 / 004056 DS.A057.14387 & SWDIV SER 06CH.KF/0870 REPORT N68711-00-D-0005 668	09-02-2004 08-31-2004 DO 0057	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL HISTORICAL RADIOLOGICAL ASSESSMENT (HRA)- HISTORY OF THE USE OF GENERAL RADIOACTIVE MATERIALS 1939 - 2003, VOLUME II (PORTION OF MAILING LIST IS SENSITIVE) [INCLUDES SWDIV TRANSMITTAL AND CD COPY]. ***COMMENTS: [SEE RECORD # 128 - HRA, VOLUME I]***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_027	181-07-0027 30093199	BOX 0086
N00217 / 004063 DS.B011.13860 & SWDIV SER 06CH.KF/0865 REPORT N68711-03-D-5104 1500	09-23-2004 09-08-2004 00011	SULTECH K. LATHAM NAVFAC - SOUTHWEST DIVISION	DRAFT CONSTRUCTION SUMMARY REPORT ADDENDUM - VOLUMES I - III OF III, FOLDERS I - 2 OF 2 [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL;CD COPY ENCLOSED} (SEE AR #653 DRAFT CONSTRUCTION SUMMARY REPORT)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS	181-07-0027 30093199	BOX 0093
N00217 / 004074 SWDIV SER BPMOW.KSF/0098 CORRESPONDENC E NONE 8	11-18-2004 09-13-2004 NONE	NAVFAC - SOUTHWEST DIVISION M. AVERY VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE DRAFT JANUARY TO MARCH 2004 QUARTER SEVENTEEN GROUNDWATER SAMPLING REPORT [INCLUDES SWDIV TRANSMITTAL LETTER BY M. AVERY] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0087
N00217 / 004073 PROJ NO. 41330- 2.09 AND SWDIV SER BPMOW.GWC/0027 REPORT N68711-00-D-0004 286	11-02-2004 10-15-2004 DO 0074	KLEINFELDER M. VALDOVINOS NAVFAC - SOUTHWEST DIVISION	FINAL JANUARY TO MARCH 2004 SEVENTEENTH QUARTERLY GROUNDWATER SAMPLING REPORT [INCLUDES SWDIV TRANSMITTAL LETTER BY M. AVERY] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0087

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N00217 / 004030 FWSD-RAC-05-0092 & SWDIV SER BPMOW.KSF/0075 REPORT N68711-98-D-5713 80	07-14-2004 11-02-2004 00070	TETRA TECH FW INC. G. SLATTERY NAVFAC - SOUTHWEST DIVISION	FINAL POST-CONSTRUCTION REPORT FOR THE DECONTAMINATE PROCESS EQUIPMENT, CONDUCT WASTE CONSOLIDATION AND PROVIDE ASBESTOS SERVICES, REVISION 0 [INCLUDES SWDIV TRANSMITTAL LETTER BY M. AVERY] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY IS ENCLOSED}. ***COMMENTS: REPLACEMENT PAGES ISSUED TO MAKE DRAFT FINAL (FWSD-RAC-04-2164 & SWDIV SER 06CH.KF/0715 BY K. FORMAN) DATED 07/09/2004 INTO FINAL. REPLACED PAGES: COVERPAGE; SPINE; TITLE PAGE; PAGES ES-1, ES-2, 1-1, 1-2, 4-5 THROUGH 4-8, 5-1 THROUGH 5-5, 6-1, 6-2, 10-1 AND 10-2; TABLES 1-1, 1-2, AND 4-14; AND ATTACHMENT 1 - RESPONSE TO COMMENTS.***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 004078 FWSD-RAC-05-0092 & SWDIV SER BPMOW.KSF/0114 REPORT N68711-98-D-5713 10	11-24-2004 11-02-2004 00070	TETRA TECH FW, INC. NAVFAC - SOUTHWEST DIVISION	REVIEW OF THE DRAFT FINAL POST-CONSTRUCTION REPORT, REVISION 0, DECONTAMINATE PROCESS EQUIPMENT, CONDUCT WASTE CONSOLIDATION, AND PROVIDE ASBESTOS SERVICES DATED 11/09/04 [INCLUDES SWDIV TRANSMITTAL LETTER BY M. AVERY]. ***COMMENTS: PORTION OF MAILING LIST IS CONFIDENTIAL. DRAFT FINAL POST-CONSTRUCTION REPORT WAS NOT SUBMITTED TO ADMINISTRATIVE RECORD.***	ADMIN RECORD INFO REPOSITORY	BLDG. 231 BLDG. 600 PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS IMAGED HPNT_025	181-07-0027 30093199	BOX 0087
N00217 / 004080 PROJ NO. 02-307.01 AND SWDIV SER BPMOW.KSF/0211 REPORT N68711-02-D-8303 203	12-27-2004 12-15-2004 00003	INNOVATIVE TECHNICAL SOLUTIONS E. EHLERS NAVFAC - SOUTHWEST DIVISION	FINAL WORK PLAN PHASE III SOIL VAPOR EXTRACTION TREATABILITY STUDY, PARCEL B [INCLUDES RESPONSE TO COMMENTS ON THE DRAFT FINAL AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	FRC - PERRIS IMAGED HPNT_024	181-07-0027 30093199	BOX 0088

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N00217 / 004082 SES-TECH-05-0014 & SWDIV SER BPMOW.KSF/0212 REPORT N68711-04-D-1104 243	01-04-2005 12-23-2004 00001	SES-TECH L. RIVERO NAVFAC - SOUTHWEST DIVISION	DRAFT SOIL GAS SURVEY WORK PLAN FOR PARCEL B, REVISION 0 [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	007 018 PARCEL B	FRC - PERRIS IMAGED HPNT_028	181-07-0027 30093199	BOX 0092
N00217 / 004086 PROJ NO. 41330- 2.09 & SWDIV SER BPMOW.GWC/0281 REPORT N68711-00-D-0004 300	01-13-2005 01-07-2005 DO 0074	KLEINFELDER M. VALDOVINOS NAVFAC - SOUTHWEST DIVISION	DRAFT APRIL TO JUNE 2004 EIGHTEENTH QUARTERLY GROUNDWATER SAMPLING REPORT, REVISION 0 [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL, CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110		
N00217 / 004115 SES-TECH-05-0027 & SWDIV SER BPMOW.RNA/0530 REPORT N68711-04-D-1104 200	03-23-2005 03-15-2005 00001	SES-TECH L. RIVERO BRAC - SAN DIEGO	FINAL SOIL GAS SURVEY WORK PLAN, REVISION 0 [INCLUDES SWDIV TRANSMITTAL LETTER BY A. KLIMEK] {PORTION OF MAILING LIST IS CONFIDENTIAL, CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	007 018 PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 004131 SWDIV SER BPMOW.GWC/0670 REPORT N68711-00-D-0004 500	05-05-2005 05-03-2005 DO 0074	KLEINFELDER M. VALDOVINOS NAVFAC - SOUTHWEST DIVISION	DRAFT JULY TO SEPTEMBER 2004 NINETEENTH QUARTERLY GROUNDWATER SAMPLING REPORT [INCLUDES SWDIV TRANSMITTAL LETTER BY A. KLIMEK]{PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110		
N00217 / 000821 SWDIVSER BPMOW.JEP/0955 & PROJ. NO JV-13 REPORT N68711-02-D-8310 250	07-20-2005 06-01-2005 00003	TPA - CKY JOINT VENTURE NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL SITE CLOSURE REPORT FOR THE TOTAL PETROLEUM HYDROCARBON PROGRAM CORRECTIVE ACTION IMPLEMENTATION SOIL REMOVAL FOR PARCELS [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	SOUTHWEST DIVISION - BLDG. 110		

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N00217 / 000822 SES-TECH-05-0104 & SWDIVSER BPMOW.KS/0974 REPORT N68711-04-D-1104 50	07-22-2005 07-19-2005 00001	SES-TECH L. RIVERO NAVFAC - SOUTHWEST DIVISION	DRAFT SOIL GAS SURVEY TECHNICAL MEMORANDUM FOR INSTALLATION RESTORATION SITES AND PARCEL REVISION 0 [PORTION OF MAILING LIST IS CONFIDENTIAL, CD COPY ENCLOSED]	ADMIN RECORD INFO REPOSITORY SENSITIVE	007 018 PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 004168 SES-TECH-05-0133 AND BRAC SER BPMOW.KSF/1228 REPORT N68711-04-D-1104 50	10-12-2005 09-23-2005 00001	SES-TECH L. RIVERO NAVFAC - SOUTHWEST DIVISION	FINAL SOIL GAS SURVEY TECHNICAL MEMORANDUM, REVISION 0 (INCLUDES BRAC TRANSMITTAL LETTER BY D. GILKEY, CD COPY ENCLOSED) [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD INFO REPOSITORY SENSITIVE	007 018 PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 004179 BRAC SER BPMOW.JEP/1242 REPORT N68711-02-D-8310 175	11-30-2005 09-23-2005 00003	TPA-CKY JOINT VENTURE BRAC	FINAL SITE CLOSE OUT REPORT, TOTAL PETROLEUM HYDROCARBON PROGRAM CORRECTIVE ACTION IMPLEMENTATION SOIL REMOVAL (INCLUDES RESPONSES TO AGENCY COMMENTS ON DRAFT FINAL REPORT AND BRAC TRANSMITTAL LETTER BY D. GILKEY). ***COMMENTS: (PORTION OF THE MAILING LIST IS CONFIDENTIAL)***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 004175 FWSD-RAC-06- 0071 AND BRAC SER BPMOW.REP/1350 REPORT N68711-98-D-5713 300	11-03-2005 11-01-2005 00072	TETRA TECH EC, INC. SLATTERY, G. BRAC PMO WEST	DRAFT PARCEL B DESIGN PLAN, STORM DRAIN AND SANITARY SEWER REMOVAL, REVISION 0 (CD COPY ENCLOSED)[PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 004180 BRAC SER BPMOW.MA/1451 REPORT N68711-00-D-0004 250	12-12-2005 12-06-2005 D0 0074	KLINEFELDER BRAC PMO WEST	DRAFT OCTOBER - DECEMBER 2004 TWENTIETH QUARTERLY/FIFTH ANNUAL GROUNDWATER SAMPLING REPORT (INCLUDES BRAC TRANSMITTAL LETTER BY K. FORMAN) [PORTION OF THE MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	

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N00217 / 004183 PROJECT NO. 41330-2.09 & BRAC SER BPMOW.RNA/1493 REPORT N68711-00-D-0004 300	01-05-2006 12-22-2005 00074	CDM NAVFAC - SOUTHWEST DIVISION	DRAFT JANUARY TO MARCH 2005 TWENTY - FIRST QUARTERLY GROUNDWATER SAMPLING REPORT PARCEL B (CD COPY ENCLOSED) {INCLUDES BRAC TRANSMITTAL LETTER BY K. FORMAN} [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 000860 BRAC SER BPMOW.CPA/0121 CORRESPONDENC E NONE 4	02-14-2006 02-13-2006 NONE	BRAC K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF DRAFT FINAL PARCEL B DESIGN PLAN, STORM DRAIN AND SANITARY SEWER REMOVAL AND ASSOCIATED AGENCY COMMENTS (SEE AR # 859 - DRAFT FINAL PARCEL B DESIGN PLAN, STORM DRAIN AND SANITARY SEWER REMOVAL) [PORTION OF THE MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000859 FWSD-RAC-06-0356 REPORT N68711-98-D-5713 250	02-14-2006 02-14-2006 00072	TETRA TECH EC, INC. BRAC	DRAFT FINAL PARCEL B DESIGN PLAN, STORM DRAIN AND SANITARY SEWER REMOVAL (CD COPY ENCLOSED) [SEE AR #860 - BRAC TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000892 DS.B011.13851 REPORT N68711-03-D-5104 2000	04-18-2006 03-28-2006 00011	SULTECH MOWER, T. BRAC PMO WEST	DRAFT TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA), VOLUMES I - II OF II (CD COPY ENCLOSED) [SEE RECORD # 893 - BRAC PMO WEST TRANSMITTAL LETTER AND RECORD # 1087 - RADIOLOGICAL ADDENDUM TO THE DRAFT TMSRA]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000893 BRAC SER BPMOW.KSF/0267 CORRESPONDENC E NONE 3	04-18-2006 03-28-2006 NONE	BRAC PMO WEST FORMAN, K. BCT MEMBERS	TRANSMITTAL OF DRAFT TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (W/OUT ENCLOSURE) {PORTION OF THE MAILING LIST IS SENSITIVE} [SEE RECORD # 892 - DRAFT TMSRA]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	

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N00217 / 000823 BRAC SER BPMOW.RNA/0985 & BRAC SER BPMOW.RNA/1431 REPORT N68711-00-D-0004 450	07-26-2005 03-31-2006 DO 0074	KLEINFELDER NAVFAC - SOUTHWEST DIVISION	FINAL APRIL TO JUNE 2004 EIGHTEENTH QUARTERLY GROUNDWATER SAMPLING REPORT (INCLUDES REPLACEMENT PAGES REVISING THE DATE OF 22 JULY 2005 TO 01 DECEMBER 2005 TO 31 MARCH 2006) [INCLUDES BRAC TRANSMITTAL LETTERS BY D. GILKEY AND K. FORMAN] {CD COPY ENCLOSED}. ***COMMENTS: (PORTION OF MAILING LIST IS CONFIDENTIAL) [REPLACEMENT PAGES DATED 01 DECEMBER 2005: TABLE 2, FIGURE 3; ADDED COVER PAGE, RECORD OF FIELD VARIANCE TO APPENDIX G AND RESPONSE TO COMMENTS TO APPENDIX H] {REPLACEMENT PAGES DATED 31 MARCH 2005: COVER PAGE, SIGNATURE PAGE, PAGES 2-3 AND 2-4, TABLE 2} (SEE AR #947 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN)***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000831 BRAC SER BPMOW.RNA/1431 REPORT N68711-00-D-0004 550	08-26-2005 03-31-2006 DO 0074	KLEINFELDER NAVFAC - SOUTHWEST DIVISION	FINAL JULY TO SEPTEMBER 2004 NINETEENTH QUARTERLY GROUNDWATER SAMPLING REPORT (INCLUDES REPLACEMENT PAGES REVISING THE DATE OF 19 AUGUST 2005 TO 01 DECEMBER 2005 TO 31 MARCH 2006) [INCLUDES BRAC TRANSMITTAL LETTER BY K. FORMAN] {CD COPY ENCLOSED}. ***COMMENTS: (PORTION OF MAILING LIST IS CONFIDENTIAL) [REPLACEMENT PAGES DATED 01 DECEMBER 2005: TABLE 2 AND FIGURE 3; ADDED COVER PAGE, RECORD OF FIELD VARIANCE TO APPENDIX G, RESPONSE TO COMMENTS TO APPENDIX H] {REPLACEMENT PAGES DATED 31 MARCH 2006: COVER PAGE, SIGNATURE PAGE AND TABLE 2} (SEE AR #947 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN)***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	

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N00217 / 000947 BRAC PMO WEST SER BPMOW.GB/0297 CORRESPONDENC E NONE 3	06-26-2006 03-31-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF ADDITIONAL RESPONSE TO COMMENTS AND REPLACEMENT PAGES FOR 1) FINAL Q18 (APRIL TO JUNE 2004) PARCEL B; 2) FINAL Q19 (JULY TO SEPT. 2004) PARCEL B; & 3) FINAL Q3 (JULY TO SEPT. 2004) PARCELS C, D & E GROUNDWATER MONITORING REPORTS. ***COMMENTS: (ADDITIONAL RESPONSE TO COMMENTS ENCLOSED) [W/OUT THE ENCLOSED REPLACEMENT PAGES] {REPLACEMENT PAGES WERE INSERTED IN THE DOCUMENT; SEE AR #823 - FINAL Q18 (APRIL TO JUNE 2004); AR #831 - FINAL Q19 (JULY TO SEPT. 2004); AR #4161 - FINAL Q3 (JULY TO SEPT. 2004)}***	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000913 NONE REPORT N62473-06-C-2001 250	05-22-2006 04-01-2006 NONE	CE2- KLEINFELDER JOINT VENTURE BRAC PMO WEST	DRAFT QUARTERLY GROUNDWATER MONITORING REPORT, OCTOBER - DECEMBER 2005, AND ANNUAL REPORT (2005) [SEE AR #915 - BRAC TRANSMITTAL LETTER BY K. FORMAN AND AR #989 - REVISION 1]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000899 NONE REPORT N68711-00-D-0004 200	04-20-2006 04-05-2006 DO 0074	KLEINFELDER BRAC PMO WEST	DRAFT APRIL TO JUNE 2005 TWENTY- SECOND QUARTERLY GROUNDWATER SAMPLING REPORT (SEE AR #900 - BRAC TRANSMITTAL LETTER BY K. FORMAN)	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000900 BRAC SER BPMOW.MA/0326 CORRESPONDENC E NONE 2	04-20-2006 04-05-2006 NONE	BRAC PMO WEST K. FORMAN BCT MEMBERS	TRANSMITTAL OF DRAFT APRIL TO JUNE 2005 TWENTY-SECOND QUARTERLY GROUNDWATER MONITORING REPORT (PORTION OF THE MAILING LIST IS CONFIDENTIAL) [SEE AR #899 - DRAFT APRIL TO JUNE 2005 TWENTY-SECOND QUARTERLY GROUNDWATER MONITORING REPORT]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites		
N00217 / 000915 BRAC SER BPMOW.MA/0325 CORRESPONDENC E NONE 2	05-22-2006 04-10-2006 NONE	BRAC PMO WEST K. FORMAN BCT MEMBERS	TRANSMITTAL OF DRAFT QUARTERLY GROUNDWATER MONITORING REPORT, OCTOBER-DECEMBER 2005 AND ANNUAL REPORT (2005) [PORTION OF THE MAILING LIST IS CONFIDENTIAL] (SEE AR # 913 - DRAFT QUARTERLY GROUNDWATER MONITORING REPORT). ***COMMENTS: PER PATRICK BROOKS ON 5/22/06 - IT IS NOT NECESSARY FOR THE TRANSMITTAL LETTER TO INCLUDE THE ANNUAL REPORT***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000954 FWSD-RAC-06-0674 REPORT N68711-98-D-5713 100	07-13-2006 04-21-2006 00072	TETRA TECH EC, INC. J. SADEGHIPOUR BRAC PMO WEST	FINAL PARCEL B DESIGN PLAN, STORM DRAIN AND SANITARY SEWER REMOVAL (CD COPY ENCLOSED) [INCLUDES REPLACEMENT PAGES DATED 10 OCTOBER 2006] (SEE AR # 967 & # 1338 - BRAC PMO WEST TRANSMITTAL LETTERS) (SEE COMMENTS.). ***COMMENTS: REPLACEMENT PAGES DATED 10 OCTOBER 2006: APPENDIX C: SHEETS 1 THROUGH 20, 25 THROUGH 29, AND 31.***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000974 PROJECT NO. 06-0676 REPORT N68711-98-D-5713 30	08-08-2006 04-21-2006 00072	TETRA TECH EC, INC. NAVFAC - SOUTHWEST	FINAL BASEWIDE RADIOLOGICAL REMOVAL ACTION, ACTION MEMORANDUM - REVISION 2006 (CD COPY ENCLOSED). ***COMMENTS: [SEE RECORD # 973 - BRAC PMO WEST TRANSMITTAL LETTER]***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000972 PROJECT NO. 02-307.01 REPORT N68711-02-D-8303 700	07-31-2006 07-01-2006 DO 0003	INNOVATIVE TECHNICAL SOLUTIONS, INC. BRAC PMO WEST	DRAFT PHASE III SOIL VAPOR EXTRACTION TREATABILITY STUDY REPORT PARCEL B (SEE AR #971 - BRAC TRANSMITTAL LETTER BY K. FORMAN)	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000985 BRAC SER BPMOW.MK\0676 CORRESPONDENC E NONE 2	09-07-2006 07-31-2006 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF QUARTERLY GROUNDWATER (GW) MONITORING REPORT, OCTOBER - DECEMBER 2005 AND ANNUAL REPORT (2005), REVISION 1 [SEE AR #989 - GW MONITORING REPORT AND ANNUAL REPORT]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	

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Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites		
N00217 / 000995 NONE REPORT N62473-06-C-2001 1000	09-14-2006 08-01-2006 NONE	CE2 - KLEINFELDER E. KILDUFF NAVFAC - SOUTHWEST	PARCEL B QUARTERLY GROUNDWATER MONITORING REPORT, JANUARY - MARCH 2006, REVISION 1, FOLDER 1-2 OF 2 (SEE AR # 4233 - BRAC PMO WEST TRANSMITTAL BY K. FORMAN) [INCLUDES REPLACEMENT PAGES CONVERTING REVISION 0 DATED 08/01/2006 TO REVISION 1]. ***COMMENTS: {REPLACEMENT PAGES ISSUED ON 03/01/2007 INCLUDE CD COPY, TITLE PAGE, COVER PAGE, SIGNATURE PAGE, TABLE OF CONTENTS AND LIST OF TABLES, FIGURES AND APPENDICES, SECTION 1.2 , 2.1, 4.1, 4.4, TABLES 1-1, 4-1, 4-3, 4-4, 4-5, 4-5, 4-7, 4-8, 4-9, FIGURES 3-1, APPENDIX B, C, I, INSERTED APPENDIX J, K} (PER CONTRACTOR N. COOK FROM CET CORP. ON 08/09/07 ONLY ORIGINAL DOC HAD TO BE PRESENTED IN VOLUMES BECAUSE OF DATA IN APPENDIX F, REVISED VERSION 1 DOESN'T HAVE VOLUMES)***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 000994 BRAC SER BPMOW.MLW/0732 CORRESPONDENC E NONE 2	09-14-2006 08-31-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF PARCEL B QUARTERLY GROUNDWATER MONITORING REPORT, JANUARY - MARCH 2006, REVISION 0 (W/OUT ENCLOSURE) [PORTION OF THE MAILING LIST IS SENSITIVE] {SEE AR #995 - GW MONITORING REPORT}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001001 BRAC SER BPOW.MLW/0775 CORRESPONDENC E NONE 4	09-29-2006 09-13-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF FINAL OCTOBER - DECEMBER 2004, TWENTIETH QUARTERLY/ FIFTH ANNUAL GROUNDWATER MONITORING REPORT, PARCEL B (W/OUT ENCLOSURE) [SEE AR #1002 - FINAL REPORT] {PORTION OF THE MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	

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Doc. Control No.	Prc. Date	Author Affil.					
Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 001002 PROJECT NO. 41330-2.10 REPORT N68711-00-D-0004 900	09-29-2006 09-13-2006 DO 0074	KLEINFELDER L. SRINIVASAN NAVFAC - SOUTHWEST	FINAL OCTOBER - DECEMBER 2004, TWENTIETH QUARTERLY/ FIFTH ANNUAL GROUNDWATER SAMPLING REPORT, PARCEL B, REVISION 0 (FOLDERS 1-2 OF 2) [SEE AR #1001 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN] {CD COPY OF APPENDICES A-J ENCLOSED}. ***COMMENTS: AS PER RPM, M. WALDEN, ON 09/29/2006, THE WORD SAMPLING IS A TYPO AND SHOULD HAVE BEEN MONITORING***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 000989 NONE REPORT N62473-06-C-2001 850	09-07-2006 10-01-2006 NONE	CE2 - KLEINFELDER KILDUFF, E. BRAC PMO WEST	QUARTERLY GROUNDWATER (GW) MONITORING REPORT, OCTOBER - DECEMBER 2005, AND ANNUAL REPORT 2005, REVISION 2 (CD COPY ENCLOSED) [INCLUDES REPLACEMENT PAGES CONVERTING REVISION 1 DATED 01 JULY 2006 TO REVISION 2] {SEE COMMENTS.}. ***COMMENTS: (REPLACEMENT PAGES ISSUED ON 01 NOVEMBER 2006 INCLUDE: COVER AND SIGNATURE PAGES; TABLE OF CONTENTS; LIST OF TABLES, FIGURES AND APPENDICES; SECTION 2.0; SECTION 7.0; TABLE 4-5; FIGURES 4-1, 4-2, 4-3; APPENDICES K AND L) [SEE RECORD # 913 - DRAFT GW MONITORING REPORT AND RECORD # 985 & 1382 - BRAC PMO WEST TRANSMITTAL LETTERS]***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 001003 BRAC SER BPMOW.MLW/0001 CORRESPONDENC E NONE 3	10-10-2006 10-06-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF FINAL JANUARY TO MARCH 2005, TWENTY-FIRST QUARTERLY GROUNDWATER MONITORING REPORT, PARCEL B (W/OUT ENCLOSURE) [PORTION OF THE MAILING LIST IS SENSITIVE] {SEE AR #1004 - FINAL REPORT}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001004 41330-2.10 REPORT N68711-00-D-0004 500	10-10-2006 10-06-2006 DO 0074	KLEINFELDER L. SRINIVASAN BRAC PMO WEST	FINAL JANUARY TO MARCH 2005, TWENTY- FIRST QUARTERLY GROUNDWATER MONITORING REPORT, PARCEL B (FOLDERS 1-2 OF 2) [CD COPY ENCLOSED] {SEE AR #1003 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN}	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	

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Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 001058 06-0564 REPORT N62473-06-D-2201 25	12-11-2006 10-16-2006 00006	TETRA TECH EC, INC. DOUGHERTY, B. BRAC PMO WEST	DRAFT SURVEY UNIT PROJECT REPORTS ABSTRACT, PARCEL B SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (SEE AR #1057 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN)	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001059 ECSD-RACIV-06- 0570 REPORT N62473-06-D-2201 65	12-11-2006 10-16-2006 00006	TETRA TECH EC, INC. DOUGHERTY, B. BRAC PMO WEST	DRAFT SURVEY UNIT 11 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (SEE AR # 1057 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN)	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 11	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001057 BRAC SER BPMOW.KSF/0049 CORRESPONDENC E NONE 2	12-11-2006 10-17-2006 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF 1) SURVEY UNIT PROJECT REPORTS ABSTRACT AND 2) DRAFT SURVEY UNIT 11 PROJECT REPORT [W/OUT ENCLOSURES] {SEE AR #1058 - ENCLOSURE 1 AND AR #1059 - ENCLOSURE 2}	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 11	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001039 BRAC SER BPMOW.MLW/0108 CORRESPONDENC E NONE 3	11-07-2006 11-01-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF FINAL APRIL TO JUNE 2005 TWENTY-SECOND QUARTERLY GROUNDWATER MONITORING REPORT (W/OUT ENCLOSURE) [SEE AR# 1040 - FINAL MONITORING REPORT] {PORTION OF MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001040 41330 2.10 REPORT N68711-00-D-0004 1000	11-07-2006 11-01-2006 DO 0074	KLEINFELDER L. SRINIVASAN BRAC PMO WEST	FINAL APRIL TO JUNE 2005 TWENTY- SECOND QUARTERLY GROUNDWATER SAMPLING REPORT, REVISION 0 (CD COPY ENCLOSED) [SEE AR# 1040 - BRAC TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001054 NONE REPORT N68711-05-C-6406 150	11-21-2006 11-01-2006 NONE	CE2 CORPORATION FERRY, R. BRAC PMO WEST	TECHNICAL MEMORANDUM FOR CONTAMINATION DELINEATION AT REMEDIAL UNIT C5, REVISION 1 (CD COPY ENCLOSED). ***COMMENTS: [SEE RECORD # 1053 - BRAC PMO WEST TRANSMITTAL LETTER, AND RECORD # 969 - TECH MEMO]***	ADMIN RECORD INFO REPOSITORY	PARCEL B RU C5	SOUTHWEST DIVISION - BLDG. 1	

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Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)——
N00217 / 001382 BRAC SER BPMOW.MLW/0078 CORRESPONDENC E NONE 2	08-11-2008 11-01-2006 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES CONVERTING REVISION 1 DATED 01 JULY 2006 TO QUARTERLY GROUNDWATER (GW) MONITORING REPORT, OCTOBER-DECEMBER 2005, AND ANNUAL REPORT 2005, REVISION 2 (W/ OUT ENCLOSURE) [REPLACEMENT PAGES WERE INSERTED IN THE DOCUMENT]. ***COMMENTS: {PORTION OF MAILING LIST IS SENSITIVE} (SEE RECORD # 989 - QUARTERLY GROUNDWATER (GW) MONITORING REPORT, REVISION 2)***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	
N00217 / 001044 BRAC SER BPMOW.MLW/0116 CORRESPONDENC E NONE 3	11-16-2006 11-07-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF FINAL JULY TO SEPTEMBER 2005, TWENTY-THIRD QUARTERLY GROUNDWATER MONITORING REPORT, PARCEL B (W/OUT ENCLOSURE) [SEE AR #1045 - FINAL REPORT] {PORTION OF THE MAILING LIST IS SENSITIVE}. ***COMMENTS: (AS PER M. WALDEN ON 16 NOVEMBER 2006, THE WORD MONITORING IN THE TITLE IS A TYPO, IT SHOULD HAVE BEEN SAMPLING)***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001045 NONE REPORT N68711-00-D-0004 1200	11-16-2006 11-07-2006 DO 0074	KLEINFELDER L. SRINIVASAN BRAC PMO WEST	FINAL JULY TO SEPTEMBER 2005, TWENTY-THIRD QUARTERLY GROUNDWATER SAMPLING REPORT, PARCEL B, REVISION 0 (CD COPY ENCLOSED) [SEE AR #1044 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001042 BRAC SER BPMOW.LLU/0127 CORRESPONDENC E NONE 2	11-16-2006 11-10-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF FINAL PHASE III SOIL VAPOR EXTRACTION (SVE), TREATABILITY STUDY REPORT (W/OUT ENCLOSURE) [SEE AR #1043 - FINAL REPORT] {PORTION OF THE MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001043 PROJECT NO. 02- 307.01 REPORT N68711-02-D-8303 4500	11-16-2006 11-10-2006 00003	INNOVATIVE TECHNICAL SOLUTIONS, INC. EHLERS, E. BRAC PMO WEST	FINAL PHASE III SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY REPORT (SEE AR #1042 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN)	ADMIN RECORD INFO REPOSITORY	010 BLDG. 123 PARCEL B	SOUTHWEST DIVISION - BLDG. 1	

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Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001061 07-0225 CORRESPONDENC E N62473-06-D-2201 27	12-11-2006 11-13-2006 00006	US EPA - SAN FRANCISCO NAVFAC - SOUTHWEST	RESPONSE TO COMMENTS ON DRAFT SURVEY UNIT PROJECT REPORT ABSTRACT AND SURVEY UNIT 11 PROJECT REPORT, PARCEL B SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (SEE AR #1062 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN)	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 11	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001047 BRAC SER BPMOW.MLW/0124 CORRESPONDENC E NONE 2	11-21-2006 11-21-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF PARCEL B, QUARTERLY GROUNDWATER MONITORING REPORT (APRIL - JUNE 2006), REVISION 0 (W/OUT ENCLOSURE) [SEE AR #1048 - GW MONITORING REPORT] {PORTION OF THE MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001062 BRAC SER BPMOW.KSF/0184 CORRESPONDENC E NONE 2	12-11-2006 12-04-2006 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF 1) RESPONSE TO COMMENTS ON DRAFT SURVEY UNIT 11 PROJECT REPORT (SUPR) 2) FINAL SURVEY UNIT PROJECT REPORT (SUPR) ABSTRACT 3) FINAL SURVEY UNIT 11 PROJECT REPORT (SUPR) [W/OUT ENCLOSURES] {SEE COMMENTS}. ***COMMENTS: (SEE AR #1061 - ENCLOSURE 1, AR #1063 - ENCLOSURE 2, AND AR #1064 - ENCLOSURE 3)***	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 11	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001063 ECSD-RACIV-07- 0207 REPORT N62473-06-D-2201 50	12-22-2006 12-04-2006 00006	TETRA TECH EC, INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT PROJECT REPORTS ABSTRACT, PARCEL B SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY ENCLOSED) [SEE AR #1062 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN]. ***COMMENTS: {AS PER K. FORMAN ON 12/5/2006, THE CONTACT NUMBER ON THE TITLE/SIGNATURE PAGE OF THE REPORT IS A TYPO, USE THE CONTACT NUMBER ON THE DELIVERABLE RECEIPT}***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001064 ECSD-RACIV-07- 0208 REPORT N62473-06-D-2201 75	12-22-2006 12-04-2006 00006	TETRA TECH EC, INC. B. DOUGHERTY BRAC PMO WEST	FINAL SURVEY UNIT 11 PROJECT REPORT (SUPR), PARCEL B SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY ENCLOSED) [SEE AR #1062 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 11	SOUTHWEST DIVISION - BLDG. 1		

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001072 BRAC SER BPMOW.KSF/0175 CORRESPONDENC E NONE 2	12-27-2006 12-08-2006 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF NAVY RESPONSE TO AGENCY COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM (TM) IN SUPPORT OF A RECORD OF DECISION (ROD) AMENDMENT {PORTION OF MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) [SEE AR # 1073 - RESPONSE TO COMMENTS]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001073 TC.B011.12377 CORRESPONDENC E N68711-03-D-5104 75	12-27-2006 12-08-2006 00011	SULTECH BRAC PMO WEST	NAVY RESPONSE TO AGENCY COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM (TM) IN SUPPORT OF A RECORD OF DECISION (ROD) AMENDMENT {CD COPY ENCLOSED} (W/ ATTACHMENT) [SEE AR# 1072 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 004189 BRAC SER BPMOW.MLW/0311 CORRESPONDENC E NONE 2	03-21-2007 01-31-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF PARCEL B QUARTERLY GROUNDWATER MONITORING REPORT, JULY-SEPTEMBER 2006, REVISION 0 (W/OUT ENCLOSURE) [SEE AR #4190 - PARCEL B QUARTERLY GROUNDWATER MONITORING REPORT]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 004218 ECSD-RACIV-07- 0669 REPORT N62473-06-D-2201 75	04-16-2007 02-19-2007 00006	TETRA TECH EC, INC. BRAC PMO WEST	DRAFT SURVEY UNIT 16 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY ENCLOSED) [SEE AR #4214 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 16	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001338 BRAC SER BPMOW.REP/0380 CORRESPONDENC E NONE 3	06-24-2008 02-26-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES FOR FINAL PARCEL B DESIGN PLAN, STORM DRAIN AND SANITARY SEWER REMOVAL (W/ OUT ENCLOSURE) {REPLACEMENT PAGES WERE INSERTED IN THE DOCUMENT} [PORTION OF MAILING LIST IS SENSITIVE] (SEE AR # 954 - FINAL DESIGN PLAN)	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		

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Record Type	Record Date	Author				Location	FRC Accession No.	
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 004215 ECSD-RACIV-07-0215 REPORT N62473-06-D-2201 75	04-16-2007 02-26-2007 00006	TETRA TECH EC, INC. BRAC PMO WEST	DRAFT SURVEY UNIT 08 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY ENCLOSED) [SEE AR #4214 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 8	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 004216 ECSD-RACIV-07-0221 REPORT N62473-06-D-2201 75	04-16-2007 02-26-2007 00006	TETRA TECH EC, INC. BRAC PMO WEST	DRAFT SURVEY UNIT 09 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY ENCLOSED) [SEE AR #4214 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 9	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 004217 ECSD-RACIV-07-0769 REPORT N62473-06-D-2201 150	04-16-2007 03-12-2007 00006	TETRA TECH EC, INC. BRAC PMO WEST	DRAFT SURVEY UNIT 12 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY ENCLOSED) [SEE AR #4214 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B UNIT 12	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 004233 BRAC PMOW SER BPMOW.MLW/0426 CORRESPONDENC E NONE 2	08-31-2007 03-30-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES CONVERTING REVISION 0 DATED 1 AUGUST 2006 TO REVISION 1, QUARTERLY GROUNDWATER MONITORING REPORT (JANUARY-MARCH 2006) {PORTION OF MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) {SEE COMMENTS}. ***COMMENTS: [SEE AR # 995 - QUARTERLY GROUNDWATER MONITORING REPORT] (REPLACEMENT PAGES WERE INSERTED IN THE DOCUMENT)***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		

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Doc. Control No.	Prc. Date	Author Affil.					
Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 001048 BRAC SER BPMOW.MLW/0537 REPORT N62473-06-C-2001 1000	11-21-2006 04-01-2007 NONE	CE2 - KLEINFELDER E. KILDUFF BRAC PMO WEST	PARCEL B, QUARTERLY GROUNDWATER MONITORING REPORT (APRIL - JUNE 2006), REVISION 1 (SEE AR #1047 AND 1081 - BRAC PMO WEST TRANSMITTAL LETTERS BY K. FORMAN) [CD COPY ENCLOSED] (INCLUDES REPLACEMENT PAGES CONVERTING REVISION 0 DATED 10/01/2006 TO REVISION 1). ***COMMENTS: (REPLACEMENT PAGES ISSUED ON 05/08/2007 INCLUDE COVER PAGE, SIGNATURE PAGE, TOC, SECTIONS 1.2, 2.1, 2.3.3, 2.4.3, 3.1, 4.1, AND 4.4, TABLES 1-1, 4-1, 4-3 THROUGH 4-9, FIGURE 3-1, APPENDICES B AND I, AND ADDED NEW APPENDICES J AND K)***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001091 NONE REPORT N62473-06-C-2001 800	07-10-2007 04-01-2007 NONE	CE2- KLEINFELDER - PLEASANTON E. KILDUFF NAVFAC - SOUTHWEST DIVISION	PARCEL B QUARTERLY GROUNDWATER MONITORING REPORT (OCTOBER - DECEMBER 2006) AND ANNUAL REPORT, REVISION 1 (CD COPY ENCLOSED) [SEE AR # 1190 - BRAC TRANSMITTAL LETTER BY K. FORMAN]. ***COMMENTS: {REPLACEMENT PAGES CONVERTING PARCEL B QUARTERLY GROUNDWATER MONITORING REPORT (OCTOBER - DECEMBER 2006) AND ANNUAL REPORT DATED 04/01/2007 TO REVISION 1} (REPLACEMENT PAGES ISSUED ON 08/01/2007 INCLUDE CD, COVER PAGE, SIGNATURE PAGE, TABLE OF CONTENTS (PAGES I THROUGH IV), SECTION 4.0 (PAGES 4-1,4-2,4-7, AND 4-8), TABLE 4-2, FIGURES 6-1, 4-1, 4-2, 4-3, 4-4, AND APPENDIX L AND M)***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	

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Record Type	Record Date	Author				Location	FRC Accession No.
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 004214	04-16-2007	BRAC PMO WEST	TRANSMITTAL OF DRAFT SURVEY UNITS 8, 9, 12, AND 16 PROJECT REPORTS (SUPR),	ADMIN RECORD	PARCEL B	SOUTHWEST	
BRAC SER	04-12-2007	K. FORMAN	PARCEL B SANITARY SEWER AND STORM	INFO REPOSITORY	UNIT 12	DIVISION - BLDG. 1	
BPMOW.RP/0471	NONE	VARIOUS	DRAIN REMOVAL PROJECTS (W/OUT	SENSITIVE	UNIT 16		
CORRESPONDENC		AGENCIES	ENCLOSURES) [PORTION OF MAILING LIST		UNIT 8		
E			IS SENSITIVE] {*** SEE COMMENTS}.		UNIT 9		
NONE			***COMMENTS: SEE AR #4215 - DRAFT				
3			SURVEY UNIT 8 PROJECT REPORT, AR				
			#4216 - DRAFT SURVEY UNIT 9 PROJECT				
			REPORT, AR #4217 - DRAFT SURVEY UNIT				
			12 PROJECT REPORT, AND AR #4218 -				
			DRAFT SURVEY UNIT 16 PROJECT				
			REPORT***				

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Doc. Control No.	Prc. Date	Author Affil.					
Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 001126	08-20-2007		26 APRIL 2007 RESTORATION ADVISORY	ADMIN RECORD	LANDFILL 001	SOUTHWEST	
BAI.TC.016.00069	04-26-2007		BOARD (RAB) MEETING MINUTES	INFO REPOSITORY	LANDFILL 002	DIVISION - BLDG. 1	
MINUTES	NONE	RAB MEMBERS	(INCLUDES AGENDA, LIST OF ATTENDEES, AND VARIOUS HANDOUTS)		LANDFILL 003		
NONE					LANDFILL 004		
8					LANDFILL 005		
					LANDFILL 006		
					LANDFILL 007		
					LANDFILL 008		
					LANDFILL 009		
					LANDFILL 010		
					LANDFILL 011		
					LANDFILL 012		
					LANDFILL 013		
					LANDFILL 014		
					LANDFILL 015		
					LANDFILL 016		
					LANDFILL 017		
					LANDFILL 018		
					LANDFILL 019		
					LANDFILL 020		
					LANDFILL 021		
					LANDFILL 022		
					LANDFILL 023		
					LANDFILL 024		
					LANDFILL H1		
					PARCEL B		
					PARCEL E		
					PARCEL E-2		
					PARCEL E-3		
					SITE 00001		
					SITE 00002		
					SITE 00026		

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Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)——
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites		
N00217 / 004190 NONE REPORT N62473-06-C-2001 4000	03-21-2007 05-01-2007 NONE	CE2- KLEINFELDER JOINT VENTURE E. KILDUFF BRAC PMO WEST	PARCEL B QUARTERLY GROUNDWATER MONITORING REPORT, JULY-SEPTEMBER 2006, REVISION 1 (CD COPY ENCLOSED) [FOLDERS 1-2 OF 2] {SEE AR #1083 - BRAC PMO WEST TRANSMITTAL LETTER BY K. FORMAN}***SEE COMMENTS. ***COMMENTS: (INCLUDES REPLACEMENT PAGES CONVERTING REVISION 0 DATED 01/01/2007 TO REVISION 1) REPLACEMENT PAGES ISSUED ON 05/01/2007 INCLUDE COVER PAGE, SIGNATURE PAGE, LIST OF TABLES, FIGURES AND APPENDICES (TOC), SECTION 1.2, 2.0, 3.0, 4.0, 5.0, TABLES 1-1, 4-1, , -4, 4-5, 4-6, 4-7, 4-8, 4-9, FIGURES 1-2, 3-1, 4-1, 4-2, 4-3, 4-4, APPENDIX B, APPENDIX I, INSERTED APPENDIX J, AND K***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001081 BRAC SER BPMOW.MLW/0537 CORRESPONDENC E NONE 2	06-12-2007 05-08-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES FOR PARCEL B, QUARTERLY GROUNDWATER MONITORING REPORT (APRIL - JUNE 2006), REVISION 1 (REPLACEMENT PAGES WERE INSERTED IN THE DOCUMENT) [SEE AR #1048 - PARCEL B GROUNDWATER MONITORING REPORT]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001098 CEKA-3001-0000- 0001 REPORT N62473-07-C-3001 2500	07-12-2007 06-01-2007 NONE	CE2 KLEINFELDER - PLEASANTON B. RUCKER NAVFAC - SOUTHWEST DIVISION	QUARTERLY GROUNDWATER MONITORING REPORT (JANUARY - MARCH 2007) (CD COPY ENCLOSED) [SEE AR # 1097 - BRAC TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001095 BRAC SER BPMOW.DK/0602 CORRESPONDENC E NONE 3	07-10-2007 06-22-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (W/ OUT ENCLOSURE) [SEE AR #1096 - DRAFT FINAL TMSRA]	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00007 SITE 00010 SITE 00018 SITE 00020 SITE 00023 SITE 00024 SITE 00026 SITE 00042 SITE 00046 SITE 00050 SITE 00051 SITE 00060 SITE 00061 SITE 00062	SOUTHWEST DIVISION - BLDG. 110		
N00217 / 001096 SULT.5104.0011.000 1 REPORT N68711-03-D-5104 500	07-10-2007 06-22-2007 00011	SULTECH MOWER, T. BRAC PMO WEST	DRAFT FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (VOLUMES I - III OF III) {CD COPY ENCLOSED} [SEE AR # 1115 - BRAC PMO WEST TRANSMITTAL LETTER, AND # 1158 - RADIOLOGICAL ADDENDUM, DRAFT FINAL TMSRA]. ***COMMENTS: (REPLACEMENT PAGES ADDED APPENDIX I TO THE DRAFT FINAL TMSRA)***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110		
N00217 / 001086 BRAC SER BPMOW.REP/0652 CORRESPONDENC E NONE 3	07-09-2007 06-29-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE RADIOLOGICAL ADDENDUM TO THE DRAFT TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) {PORTION OF MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) [SEE AR # 1087 - RADIOLOGICAL ADDENDUM, DRAFT TMSRA]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110		
N00217 / 001087 ECSD-2201-0003- 0001 REPORT N62473-06-D-2201 200	07-09-2007 07-03-2007 00003	TETRA TECH EC INC. STEPHAN, C. BRAC PMO WEST	DRAFT RADIOLOGICAL ADDENDUM, TO THE TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (CD COPY ENCLOSED) [SEE AR #1086 - BRAC PMO WEST TRANSMITTAL LETTER, AND # 892 - DRAFT TMSRA]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110		

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 001097 BRAC SER BPMOW.MLW/0662 CORRESPONDENC E NONE 2	07-12-2007 07-03-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF QUARTERLY GROUNDWATER MONITORING REPORT (JANUARY - MARCH 2007) {PORTION OF THE MAILING LIST IS SENSITIVE} [SEE AR # 1098 - QUARTERLY GROUNDWATER MONITORING REPORT]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001117 BRAC PMOW SER BPMOW.KEF/0690 CORRESPONDENC E NONE 2	08-15-2007 07-19-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF DRAFT SURVEY UNIT 11 PROJECT REPORT (SUPR), PARCEL B SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT, REVISION 1 {PORTION OF THE MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) [SEE AR #1120 - DRAFT SURVEY UNIT 11 PROJECT REPORT]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001435 BAI.5106.0016.0003 MINUTES N68711-03-D-5106 30	10-28-2008 07-26-2007 00016	BARAJAS & ASSOCIATES, INC. RAB MEMBERS	26 JULY 2007 RESTORATION ADVISORY BOARD (RAB) MINUTES (INCLUDES LIST OF ATTENDEES, VARIOUS HANDOUTS, TRANSCRIPT, AND CD COPY)	ADMIN RECORD INFO REPOSITORY	AREA 00017 AREA 00018 AREA 00019 AREA 00027 PARCEL A PARCEL B PARCEL D PARCEL F	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 004236 ECSD-2201-0006- 0032 CORRESPONDENC E N62473-06-D-2201 3	10-26-2007 07-27-2007 00006	TETRA TECH EC INC. NAVFAC - SOUTHWEST	RESPONSES TO COMMENTS ON FINAL SURVEY UNIT 11 PROJECT REPORT, REVISION 1 (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001115 BRAC SER BPMOW.KSF/0735 CORRESPONDENC E NONE 3	08-15-2007 08-06-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES ADDING APPENDIX I TO THE DRAFT FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (CD COPY ENCLOSED) {PORTION OF MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) [SEE AR # 1096 - DRAFT FINAL TMSRA]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001436 BAI.5106.0016.0007 MINUTES N68711-03-D-5106 30	10-28-2008 08-23-2007 00016	BARAJAS & ASSOCIATES, INC. RAB MEMBERS	23 AUGUST 2007 RESTORATION ADVISORY BOARD (RAB) MINUTES (INCLUDES LIST OF ATTENDEES, VARIOUS HANDOUTS, TRANSCRIPT, AND CD COPY)	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL E PARCEL E-2	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001157 BRAC SER BPMOW.MK/0858 CORRESPONDENC E NONE 2	09-27-2007 09-25-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE RADIOLOGICAL ADDENDUM, DRAFT FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (PORTION OF THE MAILING LIST IS SENSITIVE) [SEE AR # 1158 - RADIOLOGICAL ADDENDUM, DRAFT FINAL TMSRA]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 110		
N00217 / 001158 ECSD-2201-0006- 0030 CORRESPONDENC E N62473-06-D-2201 250	09-27-2007 09-25-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	RADIOLOGICAL ADDENDUM, DRAFT FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (CD COPY IS INCLUDED) [SEE AR # 1157 - BRAC PMO WEST TRANSMITTAL, AND # 1096 - DRAFT FINAL TMSRA]	ADMIN RECORD BASE INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 110		
N00217 / 001168 BRAC SER BPMOW/ CORRESPONDENC E NONE 3	10-29-2007 09-26-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT SURVEY UNIT 10 PROJECT REPORT (W/OUT ENCLOSURE) [PORTION OF THE MAILING LIST IS SENSITIVE] (SEE AR # 1169 - DRAFT SURVEY UNIT 10 PROJECT REPORT)	ADMIN RECORD INFO REPOSITORY SENSITIVE	024 PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001169 ECSD-2201-0006- 0033 REPORT N62473-06-D-2201 30	10-29-2007 09-26-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	DRAFT SURVEY UNIT 10 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1168 - BRAC TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	024 PARCEL B	SOUTHWEST DIVISION - BLDG. 1		

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites		
N00217 / 001171 ECSD-2201-0006-0006 REPORT N62473-06-D-2201 15	10-29-2007 09-28-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 38 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1170 - BRAC TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	AREA 12 PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001174 BRAC SET BPMOW.REP/0875 CORRESPONDENC E NONE 3	10-29-2007 09-28-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT SURVEY UNIT 31 PROJECT REPORT (W/OUT ENCLOSURE) [PORTION OF THE MAILING LIST IS SENSITIVE] {SEE AR # 1175 - DRAFT SURVEY UNIT 31 PROJECT REPORT}	ADMIN RECORD INFO REPOSITORY SENSITIVE	AREA 12 PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001175 ECSD-2201-0006-0002 REPORT N62473-06-D-2201 15	10-29-2007 09-28-2007 00006	TETRA TECH EM INC. B. DOUGHERTY VARIOUS AGENCIES	DRAFT SURVEY UNIT 31 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1174 - BRAC TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	AREA 12 PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001176 BRAC SER BPMOW.REP/0875 CORRESPONDENC E NONE 3	10-29-2007 09-28-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT SURVEY UNIT 32 PROJECT REPORT (W/OUT ENCLOSURE) [PORTION OF THE MAILING LIST IS SENSITIVE] {SEE AR # 1177 - DRAFT SURVEY UNIT 32 PROJECT REPORT}	ADMIN RECORD INFO REPOSITORY SENSITIVE	AREA 12 PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001177 ECSD-2201-0006-0003 REPORT N62473-06-D-2201 3	10-29-2007 09-28-2007 00006	BRAC PMO WEST B. DOUGHERTY VARIOUS AGENCIES	DRAFT SURVEY UNIT 32 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1176 - BRAC TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD INFO REPOSITORY	AREA 12 PARCEL B	SOUTHWEST DIVISION - BLDG. 1	

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N00217 / 001179 ECSD-2201-0006-0004 REPORT N62473-06-D-2201 15	10-29-2007 09-28-2007 00006	TETRA TECH EM INC. B. DOUGHERTY VARIOUS AGENCIES	DRAFT SURVEY UNIT 35 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1178 - BRAC TRANSMITTAL LETTER BY K. FORMAN	ADMIN RECORD INFO REPOSITORY	AREA 12 PARCEL B PARCEL D	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001189 ECSD-2201-0006-0004 REPORT N62473-06-D-2201 15	10-29-2007 09-28-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 34 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1180 - BRAC TRANSMITTAL LETTER BY K. FORMAN	ADMIN RECORD INFO REPOSITORY	AREA 12 PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001202 ECSD-2201-0006-0007 REPORT N62473-06-D-2201 60	11-27-2007 10-16-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT 01 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 2 PARCEL B UNIT 1	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001203 ECSD-2201-0006-0008 REPORT N62473-06-D-2201 30	11-27-2007 10-16-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT 02 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 2 PARCEL B UNIT 2	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001204 ECSD-2201-0006-0009 REPORT N62473-06-D-2201 70	11-27-2007 10-16-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT 03 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 2 PARCEL B UNIT 3	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001207 ECSD-2201-0006-0010 REPORT N62473-06-D-2201 30	11-27-2007 10-16-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT 04 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 2 PARCEL B UNIT 1	SOUTHWEST DIVISION - BLDG. 1		

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N00217 / 001208 ECSD-2201-0006-0011 REPORT N62473-06-D-2201 40	11-27-2007 10-16-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT 05 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 3 PARCEL B UNIT 5	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001209 ECSD-2201-0006-0012 REPORT N62473-06-D-2201 30	11-27-2007 10-16-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT 06 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 6	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001210 ECSD-2201-0006-0013 REPORT N62473-06-D-2201 25	11-27-2007 10-16-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT 08 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 8	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001211 ECSD-2201-0006-0014 REPORT N62473-06-D-2201 35	11-28-2007 10-16-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	FINAL SURVEY UNIT 09 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 9	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001212 ECSD-2201-0006-0015 REPORT N62473-06-D-2201 250	11-28-2007 10-16-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	FINAL SURVEY UNIT 12 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 9 PARCEL B UNIT 12	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001213 ECSD-2201-0006-0016 REPORT N62473-06-D-2201 30	11-28-2007 10-16-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	FINAL SURVEY UNIT 16 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1201 - BRAC TRANSMITTAL LETTER]. ***COMMENTS: .***	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 16	SOUTHWEST DIVISION - BLDG. 1		

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N00217 / 001218 ECSD-2201-0006-0019 REPORT N62473-06-D-2201 70	11-28-2007 10-16-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 15 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1217 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 15	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001219 ECSD-2201-0006-0020 REPORT N62473-06-D-2201 70	11-28-2007 10-16-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 17 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1217 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 17	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001220 ECSD-2201-0006-0021 REPORT N62473-06-D-2201 60	11-28-2007 10-16-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 18 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1217 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 18	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001221 ECSD-2201-0006-0022 REPORT N68711-98-D-5713 30	11-28-2007 10-16-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 29 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1217 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 29	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001222 ECSD-2201-0006-0023 REPORT N62473-06-D-2201 60	11-28-2007 10-16-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 40 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1217 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 40	SOUTHWEST DIVISION - BLDG. 1	

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N00217 / 001190 BRAC PMOW SER BPMOW.MLW/0039 CORRESPONDENC E NONE 3	11-01-2007 10-18-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES CONVERTING PARCEL B (OCTOBER - DECEMBER 2006) QUARTERLY GROUNDWATER MONITORING REPORT DATED 1 APRIL 2007 TO REVISION 1) [PORTION OF THE MAILING LIST IS SENSITIVE]. ***COMMENTS: {SEE AR # 1091 - PARCEL B (OCTOBER - DECEMBER 2006) QUARTERLY GROUNDWATER MONITORING REPORT DATED 1 APRIL 2007 TO REVISION 1}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001440 BAI.5106.0016.0011 MINUTES N68711-03-D-5106 30	10-28-2008 10-25-2007 00016	BARAJAS & ASSOCIATES, INC. RAB MEMBERS	25 OCTOBER 2007 RESTORATION ADVISORY BOARD (RAB) MINUTES (INCLUDES LIST OF ATTENDEES, VARIOUS HANDOUTS, TRANSCRIPT, AND CD COPY)	ADMIN RECORD INFO REPOSITORY	BLDG 00813 PARCEL 00049 PARCEL A PARCEL B PARCEL D PARCEL D-2 PARCEL E-2	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001201 BRAC SER BPMOW.REP/0057 CORRESPONDENC E NONE 3	11-27-2007 10-26-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF FINAL SURVEY PROJECT REPORTS, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT FOR UNIT 1, 2, 3, 4, 5, 6, 8, 9,12,AND 16 (W/OUT ENCLOSURES). ***COMMENTS: [SEE AR # 1202 - SUPR UNIT 1, AR# 1203 - SUPR UNIT 2, AR # 1204 - SUPR UNIT 3, AR # 1207 - SUPR UNIT 4, SEE AR # - 1208 SUPR UNIT 5, SEE AR # - 1209 SUPR UNIT 6, SEE AR # - 1210 SUPR UNIT 8, SEE AR # 1211 SUPR UNIT 9, SEE AR # 1212 - SUPR UNIT 12, SEE AR # 1213 - SUPR UNIT 16] {PORTION OF THE MAILING LIST IS SENSITIVE}***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B UNIT 1 UNIT 12 UNIT 16 UNIT 2 UNIT 3 UNIT 4 UNIT 5 UNIT 6 UNIT 8 UNIT 9	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001223 ECSD-2201-0006- 0034 REPORT N62473-06-D-2201 60	11-28-2007 11-08-2007 00006	TETRA TECH EM INC. DOUGHERTY, B. BRAC PMO WEST	DRAFT SURVEY UNIT 07 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (CD COPY IS ENCLOSED) [SEE AR # 1217 - BRAC TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	AREA 4 PARCEL B UNIT 7	SOUTHWEST DIVISION - BLDG. 1	

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N00217 / 001217 BRAC SER BPMOW.REP/0089 CORRESPONDENC E NONE 3	11-28-2007 11-13-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF 1) WORK PACKAGE 4, AND 2) DRAFT SURVEY UNIT PROJECT REPORT 7 (W/OUT ENCLOSURES) [SEE AR # 1218 THROUGH AR # 1222 ENCLOSURE 1, AND AR # 1223 ENCLOSURE 2] {PORTION OF THE MAILING LIST IS SENSITIVE}. ***COMMENTS: WORK PACKAGE 4 CONSISTS OF DRAFT SURVEY UNIT PROJECT REPORTS FOR SURVEY UNITS 15, 17, 18, 29 AND 40***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B UNIT 15 UNIT 17 UNIT 18 UNIT 29 UNIT 40 UNIT 7	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001225 BRAC SER BPMOW.REP/0090 CORRESPONDENC E NONE 3	11-28-2007 11-15-2007 NONE	BRAC PMO WEST K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF WORK PACKAGE 5 (W/OUT ENCLOSURE) [SEE AR # 1226 THROUGH 1230 - ENCLOSURE 1] {PORTION OF THE MAILING LIST IS SENSITIVE}. ***COMMENTS: (WORK PACKAGE 5 CONSISTS OF DRAFT SURVEY UNIT PROJECT REPORT FOR SURVEY UNITS 23, 25, 26, 27 AND 28)***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B UNIT 23 UNIT 25 UNIT 26 UNIT 27 UNIT 28	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001226 ECSD-2201-0006- 0024 REPORT N62473-06-D-2201 350	11-28-2007 11-19-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 23 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (SEE AR # 1225 - BRAC TRANSMITTAL LETTER)	ADMIN RECORD INFO REPOSITORY	AREA 5 PARCEL B UNIT 23	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001227 ECSD-2201-0006- 0025 REPORT N68711-98-D-5713 40	11-28-2007 11-19-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 25 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (SEE AR # 1225 - BRAC TRANSMITTAL LETTER)	ADMIN RECORD INFO REPOSITORY	AREA 5 PARCEL B UNIT 25	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001228 ECSD-2201-0006- 0026 REPORT N68711-98-D-5713 150	11-28-2007 11-19-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 26 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (SEE AR # 1225 - BRAC TRANSMITTAL LETTER)	ADMIN RECORD INFO REPOSITORY	AREA 5 PARCEL B UNIT 26	SOUTHWEST DIVISION - BLDG. 1	

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N00217 / 001229 ECSD-2201-0006-0027 REPORT N68711-98-D-5713 60	11-28-2007 11-19-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 27 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (SEE AR # 1225 - BRAC TRANSMITTAL LETTER)	ADMIN RECORD INFO REPOSITORY	031 042 AREA 5 PARCEL B UNIT 117 UNIT 27	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001230 ECSD-2201-0006-0028 REPORT N68711-98-D-5713 40	11-28-2007 11-19-2007 00006	TETRA TECH EM INC. B. DOUGHERTY BRAC PMO WEST	DRAFT SURVEY UNIT 28 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT (SEE AR # 1225 - BRAC TRANSMITTAL LETTER)	ADMIN RECORD INFO REPOSITORY	AREA 5 PARCEL B UNIT 28	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001250 BRAC SER BPMOW.DK/0141 CORRESPONDENCE NONE 3	01-07-2008 12-12-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (W/ OUT ENCLOSURE) {PORTIONS OF THE DISTRIBUTION LIST ARE SENSITIVE} [SEE AR # 1251 - FINAL TECHNICAL MEMORANDUM]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001251 CHAD.3213.0019.0002 REPORT N62473-07-D-3213 21000	01-07-2008 12-12-2007 00019	CHADUXTT, A JOINT VENTURE OF ST. GEORGE CHADUX CORP. AND TETRA TECH EM INC. MOWER, T. BRAC PMO WEST	FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (CD COPY ENCLOSED) [SEE AR # 1250 - BRAC PMO WEST TRANSMITTAL LETTER, AND # 1286 - RADIOLOGICAL ADDENDUM, FINAL TMSRA]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001237 ECSD-2201-0006-0036 REPORT N62473-06-D-2201 200	12-26-2007 12-18-2007 00006	TETRA TECH EC, INC. DOUGHERTY, B. NAVFAC - SOUTHWEST	DRAFT SURVEY UNIT 24 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT [INCLUDES ANALYTICAL DATA] (CD COPY ENCLOSED) [SEE AR # 1242 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	024 PARCEL B UNIT 024	SOUTHWEST DIVISION - BLDG. 1		

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N00217 / 001238 ECSD-2201-0006-0037 REPORT N62473-06-D-2201 200	12-26-2007 12-18-2007 00006	TETRA TECH EC, INC. DOUGHERTY, B. NAVFAC - SOUTHWEST	DRAFT SURVEY UNIT 39 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT [INCLUDES ANALYTICAL DATA] (CD COPY ENCLOSED) [SEE AR # 1242 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	010 PARCEL B UNIT 039	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001239 ECSD-2201-0006-0038 REPORT N62473-06-D-2201 200	12-26-2007 12-18-2007 00006	TETRA TECH EC, INC. DOUGHERTY, B. NAVFAC - SOUTHWEST	DRAFT SURVEY UNIT 43 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT [INCLUDES ANALYTICAL DATA] (CD COPY ENCLOSED) [SEE AR # 1242 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	024 060 PARCEL B UNIT 043	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001241 ECSD-2201-0006-0040 REPORT N62473-06-D-2201 150	12-26-2007 12-18-2007 00006	TETRA TECH EC, INC. DOUGHERTY, B. NAVFAC - SOUTHWEST	DRAFT SURVEY UNIT 46 PROJECT REPORT, SANITARY SEWER AND STORM DRAIN REMOVAL PROJECT [INCLUDES ANALYTICAL DATA] (CD COPY ENCLOSED) [SEE AR # 1242 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	024 PARCEL B UNIT 046	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001242 BRAC SER BPMOW.REP/0167 CORRESPONDENCE NONE 2	12-26-2007 12-18-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF WORK PACKAGE 6, DRAFT SURVEY UNIT PROJECT REPORTS FOR SURVEY UNITS 24, 39, 43, 44, AND 46 (W/OUT ENCLOSURES) [SEE AR #1237 - DRAFT SURVEY - UNIT 24, AR #1238 - DRAFT SURVEY - UNIT 39, AR #1239 - DRAFT SURVEY - UNIT 43,(***SEE COMMENTS). ***COMMENTS: ***AR #1240 - DRAFT SURVEY - UNIT 44, AR #1241 - DRAFT SURVEY - UNIT 46] (PORTION OF THE MAILING LIST IS SENSITIVE)***	ADMIN RECORD INFO REPOSITORY SENSITIVE	010 024 060 PARCEL B UNIT 024 UNIT 039 UNIT 043 UNIT 044 UNIT 046	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001264 BAI.5106.0005.0006 REPORT N68711-03-D-5106 100	02-07-2008 01-18-2008 00005	BARAJAS & ASSOCIATES, INC. ONO, Y. BRAC PMO WEST	FINAL TECHNICAL MEMORANDUM: NONREPRESENTATIVE GROUNDWATER SAMPLES AND INFLUENCES ON RESULTS OF HUMAN HEALTH, RISK ASSESSMENTS (CD COPY ENCLOSED) [SEE AR # 1263 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2	SOUTHWEST DIVISION - BLDG. 1	

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N00217 / 001273 SEST-3220-0002-0005 REPORT N62473-07-D-3220 30	03-17-2008 03-06-2008 00002	SES TECH BRAC PMO WEST	DRAFT ACTION MEMORANDUM, TIME CRITICAL REMOVAL ACTION OF THE METHANE SOURCE AREA (CD COPY ENCLOSED) [SEE AR # 1274 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00007	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001274 BRAC SER BPMOW.DK/0310 CORRESPONDENC E NONE 3	03-17-2008 03-06-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT ACTION MEMORANDUM, TIME-CRITICAL REMOVAL ACTION FOR THE METHANE SOURCE AREA {PORTION OF THE MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) [SEE AR # 1273 - DRAFT ACTION MEMORANDUM]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B SITE 00007	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001285 BRAC SER BPMOW.DK/0315 CORRESPONDENC E NONE 3	03-27-2008 03-14-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE RADIOLOGICAL ADDENDUM, FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) {PORTION OF THE MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) [SEE AR # 1286 - RADIOLOGICAL ADDENDUM, FINAL TMSRA]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001286 ECSD-2201-0006-0074 REPORT N62473-06-D-2201 0	03-27-2008 03-14-2008 00006	TETRA TECH EC, INC. DOUGHERTY, B. BRAC PMO WEST	RADIOLOGICAL ADDENDUM, FINAL TECHNICAL MEMORANDUM IN SUPPORT OF A RECORD OF DECISION AMENDMENT (TMSRA) (CD COPY ENCLOSED) [SEE AR # 1285 - BRAC PMO WEST TRANSMITTAL LETTER, AND # 1257 - FINAL TMSRA]	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001359 BRAC SER BPMOW.DK/0336 CORRESPONDENC E NONE 2	07-16-2008 03-21-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT PROPOSED PLAN (UNFORMATTED VERSION) [W/ OUT ENCLOSURE] {SEE AR # 1360 - DRAFT PROPOSED PLAN}. ***COMMENTS: PER RPM K. FORMAN ON 17 APRIL 2008, ENTER DOCUMENT IN ADMINISTRATIVE RECORD BUT DO NOT SEND TO INFORMATION REPOSITORY***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	

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N00217 / 001360 CHAD.3213.0019.00 04 REPORT N62473-07-D-3213 35	07-16-2008 03-21-2008 00019	CHADUXTT JV NAVFAC - SOUTHWEST	DRAFT PROPOSED PLAN (UNFORMATTED VERSION) [CD COPY ENCLOSED] {SEE AR # 1359 - BRAC PMOW TRANSMITTAL LETTER}. ***COMMENTS: PER RPM K. FORMAN ON 17 APRIL 2008, ENTER DOCUMENT IN ADMINISTRATIVE RECORD BUT DO NOT SEND TO INFORMATION REPOSITORY.***	ADMIN RECORD	PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001292 ECSD-2201-0006- 0029 REPORT N62473-06-D-2201 300	04-04-2008 03-28-2008 00060	TETRA TECH EC, INC. HENDERSON, B. BRAC PMO WEST	DRAFT - FINAL STATUS SURVEY RESULTS (CD COPY ENCLOSED) [SEE AR # 1291 - BRAC PMO WEST TRANSMITTAL LETTER]. ***COMMENTS: PER RPM, D. JENSEN ON 04/04/08, DOCUMENT BELONGS TO ADMINISTRATIVE RECORDS***	ADMIN RECORD INFO REPOSITORY	BLDG 000114 PARCEL B	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001298 BRAC SER BPMOW.KSF/0348 CORRESPONDENC E NONE 2	04-09-2008 04-09-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT ACTION MEMORANDUM TIME-CRITICAL REMOVAL ACTION FOR THE MERCURY SOURCE (W/ OUT ENCLOSURE) [PORTION OF MAILING LIST IS SENSITIVE] {SEE AR # 1299 - DRAFT ACTION MEMORANDUM} (SEE COMMENTS.). ***COMMENTS: DOCUMENT IS UNDATED; THE PROCESS DATE IS USED AS THE RECORD DATE.***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B SITE 00026	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001325 IEEC-1107-0009-006 REPORT N68711-04-D-1107 150	05-27-2008 05-01-2008 DO 0009	INSIGHT EE&C, INC. FAHEEM, A. BRAC PMO WEST	DRAFT REMOVAL ACTION WORK PLAN FOR MERCURY SOURCE TCRA (CD COPY ENCLOSED) [SEE AR # 1324 - BRAC PMOW TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00026	SOUTHWEST DIVISION - BLDG. 1		
N00217 / 001357 BRAC SER BPMOW.SAK/0434 CORRESPONDENC E NONE 3	07-16-2008 05-05-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT FINAL ACTION MEMORANDUM TIME-CRITICAL REMOVAL ACTION FOR THE MERCURY SOURCE (W/ OUT ENCLOSURE) [PORTION OF MAILING LIST IS SENSITIVE] {SEE AR # 1358 - DRAFT FINAL ACTION MEMORANDUM}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B SITE 00026	SOUTHWEST DIVISION - BLDG. 1		

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N00217 / 001358 IEEC-1107-0009-0005 REPORT N68711-04-D-1107 40	07-16-2008 05-05-2008 DO 0009	INSIGHT ENVIRONMENTAL, ENGINEERING AND CONSTRUCTION, INC.	DRAFT FINAL ACTION MEMORANDUM TIME- CRITICAL REMOVAL ACTION FOR THE MERCURY SOURCE (CD COPY ENCLOSED) [SEE AR # 1357 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00026 WELL IR26MW47 WELL IR26MW49 WELL IR26MW50	SOUTHWEST DIVISION - BLDG. 1	
		BRAC PMO WEST					
N00217 / 001322 BRAC SER BPMOW.LU/0447 CORRESPONDENC E NONE 3	05-27-2008 05-16-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE FINAL ACTION MEMORANDUM, TIME-CRITICAL REMOVAL ACTION FOR THE METHANE SOURCE AREA {PORTION OF THE MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) [SEE AR # 1323 - FINAL ACTION MEMORANDUM]. ***COMMENTS: TRANSMITTAL NOT DATED, DOCUMENT DATE USED AS RECORD DATE***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B SITE 00007	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001323 SEST-3220-0002-0006 REPORT N62473-07-D-3220 40	05-27-2008 05-16-2008 00002	SES TECH BRAC PMO WEST	FINAL ACTION MEMORANDUM, TIME- CRITICAL REMOVAL ACTION FOR THE METHANE SOURCE AREA (CD COPY ENCLOSED) [SEE AR # 1322 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00007	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001324 BRAC SER BPMOW.SAK/0467 CORRESPONDENC E NONE 3	05-27-2008 05-27-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT REMOVAL ACTION WORK PLAN FOR MERCURY SOURCE TCRA (W/ OUT ENCLOSURE) [PORTION OF MAILING LIST IS SENSITIVE] {SEE AR # 1325 - DRAFT REMOVAL ACTION WORK PLAN}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B SITE 00026	SOUTHWEST DIVISION - BLDG. 1	

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N00217 / 001299 IEEC-1107-0009-0004 REPORT N68711-04-D-1107 50	04-09-2008 05-29-2008 DO 0009	INSIGHT ENVIRONMENTAL ENGINEERING AND CONSTRUCTION, INC. BRAC PMO WEST	FINAL ACTION MEMORANDUM TIME- CRITICAL REMOVAL ACTION FOR THE MERCURY SOURCE (INCLUDES REPLACEMENT PAGES CONVERTING THE DRAFT DATED 28 MARCH 2008 TO FINAL AND CD COPY) [SEE AR # 1298 AND # 1330 - BRAC PMO WEST TRANSMITTAL LETTERS] {SEE COMMENTS.}. ***COMMENTS: REPLACEMENT PAGES ISSUED ON 29 MAY 2008 INCLUDE: CD AND COVER PAGE***	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00026	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001333 JNS-7417-0004-0172 REPORT N68711-05-G-7417 250	06-23-2008 06-18-2008 00004	JONAS & ASSOCIATES MALAEB, S. BRAC PMO WEST URIZAR, L.	DRAFT SECOND FIVE-YEAR REVIEW OF REMEDIAL ACTIONS (CD COPY ENCLOSED) [PORTION OF MAILING LIST IS SENSITIVE] {SEE AR # 1332 - BRAC PMOW TRANSMITTAL LETTER}	POST DECISION FILE SENSITIVE	BLDG 00123 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F SITE 00007 SITE 00018	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001349 BRAC SER BPMOW.HK\0536 CORRESPONDENC E NONE 2	07-10-2008 06-25-2008 NONE	BRAC PMO WEST FORMAN, K. CRWQCB - OAKLAND JORGENSEN, P.	TRANSMITTAL OF THE FINAL CORRECTIVE ACTION PLAN, PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN, REVISION 2008 {PORTION OF THE MAILING LIST IS SENSITIVE} (W/OUT ENCLOSURE) [SEE AR # 1350 - FINAL CORRECTIVE ACTION PLAN]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001350 SHAW_3260_FZN3_0024 REPORT N62470-02-D-3260 850	07-10-2008 06-25-2008 FZN3	SHAW ENVIRONMENTAL, INC. MCGUIRE, J. BRAC PMO WEST	FINAL CORRECTIVE ACTION PLAN, PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN, REVISION 2008 (CD COPY ENCLOSED) [SEE AR # 1349 - BRAC PMO WEST TRANSMITTAL LETTER] {***SEE COMMENTS.}. ***COMMENTS: PER RPM, KAYACI, H., ON 08 JULY 2008, THIS DOCUMENT IS NOT A REVISION, IT IS THE 2008 ISSUANCE OF THE DOCUMENT.***	ADMIN RECORD INFO REPOSITORY	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Sites		
N00217 / 001352 SEST-3220-0002-0014 REPORT N62473-07-D-3220 160	07-10-2008 07-01-2008 00002	SES-TECH AHLERSMEYER, R. BRAC PMO WEST	DRAFT WORK PLAN, TIME-CRITICAL REMOVAL ACTION FOR THE METHANE SOURCE AREA (CD COPY ENCLOSED) [SEE AR # 1351 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00007	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001351 BRAC SER BPMOW.LLU/0553 CORRESPONDENCE NONE 4	07-10-2008 07-03-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT WORK PLAN, TIME-CRITICAL REMOVAL ACTION FOR THE METHANE SOURCE AREA {PORTION OF THE MAILING LIST IS SENSITIVE} [SEE AR # 1352 - DRAFT WORK PLAN]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B SITE 00007	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001383 BRAC SER BPMOW.LLU/0567 CORRESPONDENCE NONE 3	08-12-2008 07-25-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE FINAL CONSTRUCTION SUMMARY REPORT (PORTION OF THE MAILING LIST IS SENSITIVE) [W/OUT ENCLOSURE] {SEE RECORD # 1384 - FINAL CONSTRUCTION SUMMARY REPORT}. ***COMMENTS: LETTER NOT DATED, ENCLOSURE DATED USED AS RECORD DATE***	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001384 CHAD.3213.0019.0017 REPORT N62473-07-D-3213 8600	08-12-2008 07-25-2008 DO 0019	CHADUX TT MOWER, T. BRAC PMO WEST	FINAL CONSTRUCTION SUMMARY REPORT (INCLUDES ANALYTICAL DATA) [CD COPY ENCLOSED]. ***COMMENTS: [SEE RECORD # 1383 - BRAC PMO WEST TRANSMITTAL LETTER] PER RPM, K. FORMAN, ON 11 AUGUST 2008, DOCUMENT IS TO BE PLACED AT THE MAIN PUBLIC LIBRARY ONLY. NO COPY HAS BEEN PROVIDED FOR THE ANNA E. WADEN PUBLIC LIBRARY.***	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00007 SITE 00010 SITE 00018 SITE 00020 SITE 00023 SITE 00024 SITE 00026 SITE 00042 SITE 00060 SITE 00061 SITE 00062	SOUTHWEST DIVISION - BLDG. 1	

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N00217 / 001394 BRAC SER BPMOW.KSF/0632 CORRESPONDENC E NONE 3	08-12-2008 08-01-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT AMENDED RECORD OF DECISION (ROD) [PORTION OF THE MAILING LIST IS SENSITIVE] {W/OUT ENCLOSURE} (SEE RECORD # 1395 - DRAFT AMENDED ROD)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001403 IEEC-1107-0009- 0008 REPORT N68711-04-D-1107 170	08-22-2008 08-01-2008 DO 0009	INSIGHT FLOYD, W. BRAC PMO WEST	DRAFT FINAL REMOVAL ACTION WORK PLAN, FOR MERCURY SOURCE TIME- CRITICAL REMOVAL ACTION (TCRA) [CD COPY ENCLOSED] {SEE RECORD # 1402 - BRAC PMO WEST TRANSMITTAL LETTER}	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00026	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001395 CHAD.3123.0019.00 11 REPORT N62473-07-D-3213 300	08-12-2008 08-08-2008 DO 0019	CHADUX TT BRAC PMO WEST	DRAFT AMENDED RECORD OF DECISION (ROD) [CD COPY ENCLOSED] {SEE RECORD # 1394 - BRAC PMO WEST TRANSMITTAL LETTER, AND # 3534 - FINAL ROD}. ***COMMENTS: PER RPM, K. FORMAN, ON 12 AUGUST 2008, THIS DOCUMENT IS THE AMENDMENT OF THE 07 OCTOBER 1997 FINAL ROD***	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00007 SITE 00010 SITE 00018 SITE 00020 SITE 00023 SITE 00024 SITE 00025 SITE 00026 SITE 00031 SITE 00042 SITE 00045 SITE 00046 SITE 00050 SITE 00051 SITE 00060 SITE 00061 SITE 00062	SOUTHWEST DIVISION - BLDG. 1	

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Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
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N00217 / 001399 BRAC SER BPMOW.LLU/0654 CORRESPONDENC E NONE 4	08-22-2008 08-18-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE FINAL WORK PLAN, TIME-CRITICAL REMOVAL ACTION (TCRA) FOR THE METHANE SOURCE AREA (PORTION OF THE MAILING LIST IS SENSITIVE) [W/OUT ENCLOSURE] {SEE RECORD # 1400 - FINAL WORK PLAN TCRA}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B SITE 00007	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001400 SEST-3220-0002- 0017 REPORT N62473-07-D-3220 170	08-22-2008 08-18-2008 00002	SES-TECH AHLERSMEYER, R. BRAC PMO WEST	FINAL WORK PLAN, TIME-CRITICAL REMOVAL ACTION (TCRA) FOR THE METHANE SOURCE AREA (CD COPY ENCLOSED) [SEE RECORD # 1399 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	PARCEL B SITE 00007 SITE 00018	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001402 BRAC SER BPMOW.SAK/0662 CORRESPONDENC E NONE 3	08-22-2008 08-20-2008 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT FINAL REMOVAL ACTION WORK PLAN, FOR MERCURY SOURCE TIME-CRITICAL REMOVAL ACTION (TCRA) [PORTION OF THE MAILING LIST IS SENSITIVE] {W/OUT ENCLOSURE} (SEE RECORD # 1403 - DRAFT FINAL REMOVAL ACTION WORK PLAN)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B SITE 00026	SOUTHWEST DIVISION - BLDG. 1	
N00217 / 001407 JNS-7417-0004-0294 REPORT N68711-05-G-7417 350	09-09-2008 09-08-2008 00004	JONAS AND ASSOCIATES INC. MALAEB, S. BRAC PMO WEST	DRAFT FINAL SECOND FIVE-YEAR REVIEW OF REMEDIAL ACTIONS (CD COPY ENCLOSED) [SEE RECORD # 1406 - BRAC PMO WEST TRANSMITTAL LETTER]	POST DECISION FILE	PARCEL B SITE 00007 SITE 00018	SOUTHWEST DIVISION - BLDG. 1	

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ATTACHMENT B
TRANSCRIPT FROM PUBLIC MEETING, SIGN-IN SHEET, AND PUBLIC NOTICE

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UNITED STATES NAVY'S
PROPOSED PLAN FOR PARCEL B
HUNTERS POINT SHIPYARD

REPORTER'S TRANSCRIPT OF PUBLIC MEETING

JULY 8, 2008

City College of San Francisco
Southeast Campus
Alex Pitcher, Jr., Community Room
1800 Oakdale Avenue
San Francisco, California

Reported by Christine M. Niccoli, RPR, C.S.R. No. 4569

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CERTIFIED SHORTHAND REPORTERS SERVING THE BAY AREA

A T T E N D E E S

U.S. NAVY PRESENTERS:

KEITH FORMAN — BRAC environmental coordinator for  
Hunters Point Shipyard

MELANIE KITO — Hunters Point remedial lead project  
Manager

LARA URIZAR — Parcel B project manager

—oOo—

REGULATORS PRESENT:

AMY D. BROWNELL — San Francisco Department of Public  
Health

JACQUELINE ANN LANE — U.S. Environmental Protection  
Agency (EPA)

TOM P. LANPHAR — California Department of Toxic  
Substances Control (DTSC)

MARK RIPPERDA — U. S. Environmental Protection  
Agency (EPA)

ERICH SIMON — San Francisco Bay Regional Water  
Quality Control Board

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RESTORATION ADVISORY BOARD MEMBERS PRESENT:

- ALETA M. BRYANT – CamKal Industrial Transport
- KRISTINE ENEA – Bayview–Hunters Point resident
- LARRY FRIAS – Waste Solutions Group, Bayview–Hunters  
Point resident
- OSCAR JAMES – Bayview–Hunters Point resident
- JESSE MASON – Bayview–Hunters Point Resident
- MIKE MCGOWAN – Arc Ecology
- SUDEEP MOTUPALLI RAO – Deep–Solutions
- LEON MUHAMMAD – Center For Self Improvement,  
Muhammad University of Islam
- RAYMOND J. TOMPKINS – Community First Coalition
- ROBERT VAN HOUTEN – Morgan Heights Homeowners  
Association

—oOo—

PUBLIC:

- MYLA ABLOG – Literacy for Environmental  
Justice (LEJ)
- KHALIL E. ABUSABA
- NANCY ABDUL–SHAKUR – Literacy for Environmental  
Justice (LEJ)
- SAUL BLOOM – Arc Ecology

PUBLIC [Cont.]:

JARON BROWNE – Power

PAMELA CALVERT – Literacy for Environmental Justice

(LEJ)

FRANCISCO DA COSTA – Environmental Justice Advocacy

(EJA)

MICHAEL DENNIS – MCD Trucking

DE JENNEY DOKS

ARTHUR FEINSTEIN – Arc Ecology, Sierra Club

ADELA ANDREA FLORES BOLANOS

PAUL FULVELD – KTVU

DAVID GAVRICH – Waste Solutions Group/San Francisco Bay

Railroad

MARIE HARRISON – Green Action

NAIM HARRISON

ERIN HAYWOOD – Power

ADELA HUESO

CAROLYN HUNTER – Tetra Tech EMI

ESPANOLA JACKSON – Muwekma Ohlone, Bayview-Hunters Point

CHRISTINE JOHNSON

KEN KASPER

ANGELA P. KING

LARRY E. LATTIMORE – District 6

CHRISTOPHER LEE – EnergySolutions

RAY LOBATO

TIM MOWER — Tetra Tech EMI

CHRISTOPHER MUHAMMAD

JOHN MUHAMMAD

MILES MUHAMMAS

REAT O'LEARY

SARAH KOPPEL PENN — United States Navy

ROBERT PERKINS — KRON 4

SARAH PHELAN — *San Francisco Bay Guardian*

CINDY PRINTEMPS — Power

ALICIA SCHWARTZ — Power

MELANIE SENGUPTA

LA CONSTANCE SHAHID — Literacy for Environmental Justice

(LEJ)

LAURIE SCHOEMAN — Literacy for Environmental Justice

(LEJ)

ERIC SMITH — Green Depot

DAN SOLBERG

OCTAVIO GUILLERMO SOLORZANO

JOE THOMAS

ORA THORNTON

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SAN FRANCISCO, CALIFORNIA, TUESDAY, JULY 8, 2008

6:40 P.M.

—oOo—

MR. FORMAN: Okay. A couple of things to go over before we start the presentation tonight. Thank you, first of all, for coming, taking time out of your busy life to come here tonight to listen to me.

My name is Keith Forman, and I'm the BRAC environmental coordinator for Hunters Point Shipyard, and I'm here with part of my team. Melanie Kito will be speaking tonight as well. She's the lead project manager over the environmental cleanup projects at Hunters Point, and Lara Urizar will also be speaking here. Lara, her job is — she is the project manager for Parcel B and the project manager and producer of the documents that we'll be talking tonight about.

So the three of us are here from the Navy to talk about our favorite base, Hunters Point Shipyard, and the next step in the process. Again, thank you very much for coming tonight, and I hope to do my best to make this worthwhile for you.

This is an important part of the process. This is where the community has direct input and can make a difference. Certainly, this meeting lends itself to your opinions being part of the permanent record, and

1 that's a significant thing for you and for us to help  
2 determine the best course of action.

3           A couple of things before we start. You might  
4 notice here we have an official transcript record of  
5 this meeting that we're required — required to produce;  
6 and to do that, we have the skills and talents of  
7 Christine here. She has a very tough job sometimes  
8 because some people, like myself, occasionally speak too  
9 quickly; and that makes her life pretty tough because  
10 she has to get down everything. Just like a court  
11 reporter, she has to take down every single word I  
12 speak.

13           So a couple of the things to please keep in  
14 mind: There's going to be a time in this meeting where  
15 someone will be handed a microphone. I believe Carolyn  
16 Hunter will be doing that, will — will hand you a  
17 microphone.

18           And what I'd like you to do if you choose to  
19 speak at that time is very clearly and somewhat slowly  
20 speak your name before you say anything else. That way  
21 Christine can get your name down, and we can — we have  
22 a little header that we can put on the comment when  
23 we — when we respond to the comments later on.

24           Okay. Just a quick summary here of what you  
25 should have. I hope you've been reading your Proposed

1 Plan. Many of you received it in the mail if you're on  
2 a mailing list. If not, you got it when you came here  
3 tonight. Either way, I hope you've been spending these  
4 minutes reading this or beginning to read it. We will  
5 go over this pretty much in its entirety as an overview  
6 tonight.

7           In addition to that, we have some poster boards  
8 here. Some of you have come up and — and reviewed some  
9 of them. Many of you didn't really have time to do that  
10 before the present time. I welcome you after the  
11 meeting to do that, to come up here and look at these  
12 poster boards; and then ask Lara, Melanie, or myself any  
13 questions you may have after — after we're — we have  
14 completed the meeting.

15           Okay. In addition to your Proposed Plan, you  
16 should have a Proposed Plan Comment Form. You are  
17 welcome to write on the comment form and turn it in  
18 tonight. If you do that, it will be part of the  
19 permanent record, and the Navy — you can read that to  
20 mean me and Melanie and Lara — will respond to your  
21 written comment, and it will be part of the permanent  
22 record in the next document that we produce. Okay?

23           And you should also have an agenda here. Now,  
24 when you look at your agenda, I just want to make sure  
25 that I do my best to explain a couple things here that

1 make the meeting flow smoothly.

2           We'll give a presentation, myself with Melanie  
3 and Lara. We will give a presentation tonight on the  
4 Parcel B Proposed Plan.

5           After we complete the presentation, there's  
6 going to be a period that we call answering clarifying  
7 questions on the presentation.

8           And then after that you notice there's a period  
9 where we say "Review the Public Comment Process" and  
10 then "Take Public Comments." Well, a good question to  
11 ask me would be, "Well, what's the difference?"

12           Well, here is the difference. Anything that we  
13 present here on the slides that we're talking to you  
14 about that you just have a question where you didn't  
15 understand something on the slide or you want us to  
16 explain a little more about what's on the slide so you  
17 have a better idea, that's what that answering  
18 clarifying questions on the presentation is.

19           And that's different. We'll answer those  
20 questions right here tonight in the present tense for  
21 you. Those aren't part of the permanent record so  
22 much. They are just clarifying questions, and we  
23 welcome those.

24           After that we have a second part to the  
25 meeting. And this is the official



1 documented-in-the-record part of the meeting which is  
2 called the "public comments." Public comments are a  
3 little different.

4           You want to make sure that you either give us a  
5 written comment or, if you wish to speak your comment,  
6 wait until you get the microphone, then clearly  
7 pronounce your name, and then you will ask a question or  
8 make a statement or vent at me or say something about  
9 whatever topic that you think is appropriate to this  
10 meeting. That public comment will be part of the  
11 record.

12           And we don't respond to those official  
13 comments, so to speak, tonight. We respond to them in  
14 writing back to you in something called a Responsiveness  
15 Summary that you will see in the next document we  
16 produce, which will be the draft Record of Decision for  
17 this parcel.

18           So before we begin the presentation, are — did  
19 I do a good enough job at explaining the differences  
20 between the clarifying question part that we answer  
21 right here that have to do with the presentation and  
22 then the official comment for the record part? It is  
23 something that people wrestle with sometimes as to, you  
24 know, which is which. Okay?

25           And again, public comments do not have to be

1 questions that we then have to do a response to your  
2 question. You can simply stand up and speak your mind.  
3 Doesn't have to even include a question.

4           Okay. And then that will become in writing  
5 part of the personal — permanent record in the Record  
6 of Decision, and then the Navy will also respond to  
7 that. That will be part of the Navy's draft Record of  
8 Decision, which is the next document that we'll put out  
9 on Parcel B.

10           Okay. Everybody looks raring to go, alive,  
11 awake. Good. Okay. All right. So let's start.

12           Okay. We're here — we're here tonight to talk  
13 about the Parcel B Proposed Plan that the Navy has put  
14 out, and we're in the midst of the comment period on the  
15 Proposed Plan. Parcel B, again, is located on Hunters  
16 Point. It's a parcel, so it's a section of Hunters  
17 Point Shipyard that we'll be talking about tonight.

18           Here's an overview of some of the things we  
19 will cover. I'll go over the meeting purpose again and  
20 some general information. Then I'll talk about why  
21 we're doing the document we're doing and what impact  
22 it's had on documents we've already done.

23           We'll go over some concepts like risk  
24 assessments very briefly. Then we'll look at a — we'll  
25 compare the alternatives that the Navy has looked at.

1 And we will also then tell you what we think we're going  
2 to recommend, propose, as the new alternative.

3 Then we'll talk a little bit about what's next  
4 in the process and have you provide comments and —  
5 official comments, and then we'll adjourn the meeting.  
6 Okay? All right. So let's move on tonight.

7 So there's a couple ways to provide comments  
8 tonight that I just want to quickly summarize again.  
9 You can submit a written comment on the official comment  
10 sheet; or if you already came to the meeting with  
11 that — your written comment, go ahead and turn it in to  
12 Carolyn Hunter. Carolyn's there [indicating]. And we  
13 will put that in the permanent record. Or you can speak  
14 your comment.

15 And again, there's two different types of  
16 comments: There's clarifying comments that don't go in  
17 the record; and then after that there's your public  
18 comments, the official public comment record, that we're  
19 going to present in the next document.

20 Okay. Next.

21 Okay. Couple things we're going to do tonight  
22 is I'm going to summarize the old cleanup approach in  
23 the Parcel B Record of Decision that dates back to  
24 1997. So 11 years ago there was a document that put  
25 forth what cleanup approach the Navy had at that time

and would pursue from 1997 on to this date.

Then we're going to discuss the need for changing that approach and why some things in the ROD — in the Record of Decision need to be changed for different reasons. And then we're going to — we're going to tell you the conclusions the Navy has come to in an effort to propose new cleanup alternatives, changes to the old ROD that we think are badly needed.

## PRESENTATION

BY MR. FORMAN:

Okay. Again, this is Parcel B. Many of you familiar with the Shipyard — and particularly those Restoration Advisory Board members here tonight — are fairly familiar with Parcel B on the base. It is the first parcel that you come to when you turn off of Innes and enter — enter through the guard shack on — and onto the base, and it's about 59 acres in size.

Okay. So we had this document back in 1997, this Record of Decision. And when we talk about Records of Decision here, we're talking about three — think of it as you have to solve problems or provide remedies in three different categories: soil, groundwater, and then radionuclides. Okay? So keep that in mind.

There's — We're going to always talk about soil. Then we'll talk about groundwater. Then we'll

1 talk about the radionuclides. Those are the three areas  
2 that have contamination in them that the Navy has had to  
3 deal with in the ROD in 1997 and then now we're  
4 proposing changes for.

5 All right. So in the soil, the — for the soil  
6 contaminants in the 1997 Record of Decision, we  
7 basically said we're going to dig and haul to 10 feet  
8 below ground surface, and that's what we were held to.  
9 And we had to dig, sample, dig, sample, dig, sample, on  
10 and on and on, to try and meet certain cleanup goals for  
11 different contaminants and different chemicals down to  
12 10 feet below ground surface.

13 The old groundwater remedy was a lot less  
14 simple than that, as groundwater remedies sometimes  
15 are. It said that we were going to look at the storm  
16 drain system that we had on the base at the time back in  
17 1997 and that we were going to line it with a liner to  
18 prevent contaminants from the groundwater entering that  
19 system and then flushing out into the bay.

20 It also said that we were going to remove some  
21 fuel and steam lines, that we were going to monitor  
22 groundwater throughout Parcel B, and that there were —  
23 we were going to restrict certain uses of the  
24 groundwater.

25 Those restrictions on the uses of the

1 groundwater are very common in the County of San  
2 Francisco, but — well, they were — they are common in  
3 the County of San Francisco, and I was going to say and  
4 they are really not that different because of the local  
5 ordinances here than you would — would find on many  
6 properties.

7           But the gist of it for groundwater here is that  
8 the Navy was relying much on monitoring the groundwater  
9 and — and simply using restrictions that are common in  
10 the County of San Francisco when you talk about using  
11 the groundwater for any purpose, which you don't do in  
12 the County of San Francisco.

13           Okay. Next.

14           So let's look at what the old soil remedy, the  
15 dig and haul, was based on. It was based on what the  
16 Navy is telling you is now a bad assumption.

17           We know a — we know a lot about the soil of  
18 Parcel B because we have taken many, many, many samples,  
19 both when we did investigations and as we dug. And  
20 originally it was believed that there were spills from  
21 Navy activities. And when these contaminants spill,  
22 they spill in a certain area and a certain pattern. And  
23 the idea was to go and find that spill and dig out that  
24 pattern of contamination, and that was an underlying  
25 assumption to our whole soil remedy.

1           Okay. Well, it turns out that that was a bad  
2 fit because what we found is the spill model didn't fit  
3 what we were finding. We were finding different levels  
4 of metals in particular in different patterns throughout  
5 the fill. And as we looked further and further, we  
6 noticed that the only thing this had in common with the  
7 rest of the area and other areas on the base is that it  
8 really resembled a lot of the fill material as it  
9 originated in its original form.

10           And it originated, as you may know, when  
11 Hunters Point used fill from around this area  
12 [indicating] of the base and pushed it out to form the  
13 land mass, the surface area, of Hunters Point.

14           So what we found is that there was really no  
15 end in sight to this approach. By using a — the blind  
16 approach of saying "Let's go out and dig wherever there  
17 are metals above certain levels," there was no end in  
18 sight for the Navy to do that.

19           And it didn't look like we were doing what we  
20 were required to do, which was to find specific  
21 contamination that we put there through Navy activities  
22 and clean it up. That's essentially not what we were  
23 doing. We were basically digging, sampling, digging,  
24 sampling; in other words, investigating more, removing  
25 it, and investigating more and really getting nowhere.

1                   But it took us a long time to come to that  
2 conclusion; and because of that, as — as a number of  
3 you know that were on the base or were involved in the  
4 activities there, we dug a lot. We had 106 excavations  
5 on Parcel B alone in basically doing what I — what I  
6 like to think of as chasing our tail, because we kept  
7 digging and kept looking and kept digging and kept  
8 looking.

9                   Okay. So the excavations grew, and they grew  
10 without any pattern of release. And if you are in the  
11 environmental cleanup field, you look for a pattern.  
12 You look for a pattern of contaminants that shows that  
13 there was actually a release there.

14                  But if you're looking instead at the inherent  
15 qualities of the fill soil there, you're really not  
16 going to find much of a pattern; and that's the  
17 conclusion the Navy has come to.

18                  Now, in addition to that for our soil remedy,  
19 there were other things that we had not at the — in  
20 1997 discovered. One of them was there's a pocket of  
21 methane gas over in this area [indicating] on Parcel B  
22 that was not known at the time of the 1997 ROD. And  
23 there was — there was some mercury also that was found  
24 over near the dry dock in the peninsula area here  
25 [indicating].



1           In addition to that, we found lead, and we  
2 found some organics. One of the organics we found —  
3 The organics that we're talking about tonight are known  
4 as PAHs. It's a family of chemicals that are combustion  
5 by-products, as I mention there.

6           We found some hot spots there that the Navy  
7 believes we need to go out, dig, and remove. And that's  
8 part of what we are going to show you that we are going  
9 to propose with this new remedy.

10          Okay. So the bottom line here is that we want  
11 to amend the Record of Decision for the soil remedy  
12 because we don't think the current soil remedy is  
13 protective. We don't think it's a good fit for the  
14 site, and we certainly don't think it's comprehensive,  
15 that the current document really doesn't address what's  
16 out there and what isn't really in a sense and  
17 contaminants that we didn't know about back in 1997 and  
18 therefore are silent in the current ROD 'cause we didn't  
19 know about them.

20          Okay. Now, what about the old groundwater  
21 remedy? The old groundwater remedy was very passive.  
22 It relied heavily on putting groundwater-monitoring  
23 wells down subsurface, looking at the water, taking  
24 samples of the water, testing it usually every three  
25 months, and basically looking at that data that comes

1 from that and — and using that to review it. You  
2 review the data as you find it, and that's considered  
3 monitoring.

4           And then, depending upon the levels you find,  
5 you work with regulatory agencies and determine whether  
6 you change your game plan or not. Well, having said  
7 that, in many cases in the world on sites, that's a good  
8 thing to do. But that's not always the best thing to  
9 do. Sometimes a little more aggressive or active  
10 remediation is called for. And what you will see  
11 tonight the Navy is proposing is a little more  
12 aggressive, a little more active remediation when it  
13 comes to the groundwater.

14           Okay. So the am— — the changes that we are  
15 going to propose in the groundwater remedy will include  
16 an active groundwater cleanup.

17           Next slide.

18           Okay. Another thing that the old Record of  
19 Decision didn't do is it didn't consider risks to  
20 wildlife and the organisms the wildlife that lives at  
21 the shoreline. It was silent on this issue. And yet,  
22 we know here that Parcel B has a shoreline here  
23 [indicating], and yet these areas were not all  
24 addressed.

25           So the Navy's done a couple of things in the

1 last couple of years to assess the risk in those areas  
2 and then to determine what is the best thing the Navy  
3 needs to do in order to be protective.

4           So in our amended document what we are  
5 proposing to do is to add protection to the shoreline, a  
6 whole new component to the remedy.

7           Next.

8           And finally, of great interest to the community  
9 and to the Navy is in 2004 we proposed a large, fairly  
10 comprehensive document known as the final Historical  
11 Radiological Assessment. And if you're on the  
12 Restoration Advisory Board, you've heard no less than  
13 half a dozen times speeches by Laurie Lowman, who was  
14 one of the main authors of that document, talk about the  
15 use of radionuclides on the base, radioactive materials  
16 that were used back from the late 1940s through the  
17 1960s on the base.

18           Nowhere in the current Record of Decision is  
19 that discussed because that wasn't known at the time.  
20 And so nowhere in our remedy do we include anything for  
21 radionuclides. What the Navy is proposing is to be  
22 inclusive of that and include specific remedies for the  
23 radionuclides on Parcel B.

24           Next.

25           Okay. So ultimately why do — why is the Navy

wanting to change the Record of Decision? There's quite a few reasons, but it comes down to this: We want to change the Record of Decision to be protective of human health and the environment, to meet that threshold criteria that we are required to meet. The current Record of Decision doesn't do that.

Some of the advantages we have, talking here in 2008, is that we have done risk assessments that weren't done back in 1997. We have data that we didn't have then, and we have learned a lot after working the site for 11 years. Some of that, as I mention before, is our own failure because we had a bad assumption in the ROD that led us to do excavation that didn't fit what was really out there.

So what we want to propose and what we'll go into detail now with you is some of the specific changes to make a better Record of Decision that fits the site and is protective of human health and the environment.

So one of the things we'll talk about next — and this leads into our next topic — is risk assessments and how the Navy evaluates being protective, and the only way to really do that is to conduct risk assessments.

## PRESENTATION

BY MS. URIZAR:

1                   Hello. For those of you who came in a little  
2 bit late, my name is Lara Urizar. I'm the Parcel B  
3 project manager for the Navy; and I was on the base for  
4 a year, took a year off, and I'm back now. So I have a  
5 little bit of history. Anyway, I'm going to start with  
6 risk assessments.

7                   So the Navy conducts risk assessments to  
8 evaluate potential risks to people and wildlife to —  
9 from exposure to chemicals at Parcel B, and these  
10 include human health risk assessments and ecological  
11 risk assessments. As Keith noted, we did not conduct an  
12 ecological risk assessment in the '97 ROD, and so we've  
13 got a whole new one for the new ROD.

14                  Okay. So the updated human health risk  
15 assessment considers different reuse scenarios presented  
16 to us by the City of San Francisco in their 1997 reuse  
17 plan, and that is the plan that we have to use — those  
18 are the reuses that we use when we conduct our risk  
19 assessments. And the scenarios that are — that we look  
20 at are for residential, industrial, construction worker,  
21 and recreational users.

22                  Additionally, we have conducted a radiological  
23 risk assessment for the radionuclides that are present  
24 on the base from past activities.

25                  Okay. So here we have a figure showing the

1 planned reuse. And once again, this is based on the  
2 City of San Francisco's 1997 redevelopment plan, and  
3 you'll notice that —

4           Where's the laser? Thanks. See if I can aim  
5 this.

6           Okay. So the reuse — the proposed reuse areas  
7 are research and development, mixed use, open space, and  
8 educational and cultural. And for risk purposes, R&D,  
9 research and development, we looked at a residential  
10 scenario. The same for mixed use, also residential.  
11 Open space was recreational, and educational/cultural  
12 was an industrial reuse scenario.

13           And these are also — I don't know if you can  
14 hear me, but these are also — and maybe after the  
15 meeting, you can come up and you can —

16           MS. ATTENDEE: No.

17           MR. ATTENDEE: No.

18           MS. URIZAR: You can't — you can't hear? I  
19 don't project well. Sorry about that.

20           Okay. So we have this map here with the reuse  
21 as well. And if you'd like after the meeting, you can  
22 come and you can see you've got mixed use; you have  
23 research and development, open space. And these were  
24 all what we looked at for conducting our risk  
25 assessments.

1                   And I should also note that the City has talked  
2 about changing the reuse at IR Site 7 and 18 to be all  
3 open space.

4                   Let's see. Okay. So this figure we are  
5 looking at the radiologically impacted areas, and we  
6 have three categories here for rad-impacted sites.

7                   I need to point out that a radiologically  
8 impacted site just means that there's the potential for  
9 radionuclides. They may be there. They may not. But  
10 based on past reuse, the HRA, the Historical  
11 Radiological Assessment that Keith mentioned earlier  
12 that was conducted in 2004, saw that there was a  
13 potential, based on past activities, for radionuclides  
14 to be present at these sites.

15                  So we have land that's considered  
16 radiologically impacted. That's IR Site 7 and 18. And  
17 we have buildings, Building 103, 113, 113A, 130, 140;  
18 and then we have former buildings, former Building 142,  
19 114, and 157.

20                  And I have to note that Building 140 is not  
21 considered radiologically impacted. It's actually the  
22 deep pump shaft underneath that goes from the building  
23 to the dry dock, and that's what's considered  
24 radiologically impacted in that case.

25                  And we did risk assessments or radiological

risk assessment for the use of radionuclides at these  
rad-impacted sites.

Okay. So in the 1997 ROD, we did not conduct an ecological risk assessment. So we have since conducted one to address potential risk from chemicals at Parcel B in shoreline sediments to the wildlife that lives at or near the shoreline, and here we have a picture of the Surf Scoter which is present at, I guess, the pacific during the winter months.

And that's it. Okay.

## PRESENTATION

BY MS. KITO:

I'm — Hello. My name is Melanie Kito. I'm the lead remedial project manager for Hunters Point. I've been working for the Navy for ten years. I've been on Hunters Point for about five of those years. I'm going to tell you a little bit about a criteria of how the Navy actually determines how we get each remedy in each technology and puts it through a — a test, per se, to see which one's the best one to pick.

I know it's really hard to read 'cause it's really small. What you could do either on your presentation look on page 9, and that's kind of small too. But if you guys have a Proposed Plan, it's right in the centerfold, right in the middle. It might be a



1 little bit easier to read. But I'll go ahead and  
2 summarize them for you.

3           So we have nine criteria, as you could see in  
4 the red little dots. The first one's probably the most  
5 important that you guys need to look at, and that's  
6 going to be the overall protection for human health and  
7 the environment.

8           So that's a yes-or-no question. Is it  
9 protective or is it not? If it's not, we don't even —  
10 we evaluate it, but basically that's something that we  
11 won't even be choosing that won't be a preferred  
12 remedy. If it is, then it continues on down the  
13 process.

14           Number 2. Number 2 is compliance with  
15 applicable or relevant and appropriate requirements,  
16 which we call ARARs. It's a very legal jargon. It's  
17 basically just laws and regulations that the lawyers  
18 normally hash out to make sure that we are legally sound  
19 on the remedies that we choose and the technologies that  
20 we choose.

21           Number 2 *[sic]* is long-term effectiveness. So  
22 what we do is we look at remedies and then we determine,  
23 okay, is this remedy good for 10 years from now,  
24 20 years from now, 50, 100? Let's see if we will be  
25 protected — excuse me — for a long time.

1                   Number 4 is reduction of toxicity, mobility,  
2 and volume through treatment. So you have a remedy; is  
3 it even going to clean up what you're trying to clean  
4 up? Obviously, that's going to be important.

5                   Five is short-term effectiveness. A remedy  
6 sometimes is more hazardous when you actually start  
7 doing the construction of it. That's just in a short  
8 amount of time. So we've got to look at that too 'cause  
9 we want to be protective of our construction workers.  
10 So that's a short-term effectiveness.

11                   Number 6 is implementability. How easy is it  
12 to do? If it's extremely hard, it's probably not  
13 something that we wanted to choose. So we want to  
14 choose something that's — that we know that we can  
15 actually succeed at.

16                   And then No. 7 will be cost. Is that the  
17 deciding factor? Yes and no. We look at everything  
18 else, 1 through 6, first; and when we have any that are  
19 kind of on a equal balance, then we look at cost at the  
20 very end.

21                   I'm going to be showing you some charts pretty  
22 soon after this slide, and it will all — it will show  
23 the 1 through 7 criteria. It won't show No. 8, which is  
24 state acceptance, or No. 9, which is community  
25 acceptance, because that's why you guys are here. You

1 guys are here to tell us what you guys — what you think  
2 about this Proposed Plan.

3 So we will be — those will be determined after  
4 we get your comments and after this particular meeting.

5 Okay. Next, please.

6 All right. We call these meatball charts, and  
7 this, too, is located in your Proposed Plan on the  
8 centerfold a little bit — a little bit larger in  
9 this — in color. So here's how —

10 Can I — can I see the pointer, please?

11 Okay. So if you look on top here [indicating],  
12 we have the seven criteria that I just went over,  
13 starting off with "Overall Protection" and ending with  
14 "Cost." And you can see in the middle here we have  
15 these pie charts that we have.

16 On this side, we have the "Remedial  
17 Alternative." So what the team has done is after we —  
18 we go out to the field, and we investigate it, and we  
19 know what type of contamination that we need to clean  
20 up. The team actually decides of — what would be the  
21 best combination of technologies and remedial actions  
22 enable [sic] to take care of what's out there to be  
23 protective of human health and the environment.

24 So as you could see here, this is for soil; and  
25 we have 1, 2, 3, 4 — five alternatives: S-1, S-2, S-3,

1 S-4, and S-5. Each alternative will always have a no  
2 action. Will we choose that? No. Why won't we choose  
3 that? As you could see in No. 1 box, says "Over- —" is  
4 it "Overall —" is it protect — is a protection — will  
5 it pro- —? I'm sorry. Will it protect the human  
6 health and the environment? Their answer is no.

7 Therefore, that one just falls out. But it's  
8 good to evaluate that and have that so we have a  
9 comparison. We have a ground zero that we can compare  
10 with.

11 These colors here, this one is green, and it's  
12 green because that would be the recommended preferred  
13 alternative after everything.

14 And then this — you probably can't see it too  
15 well, the colors, from out there; but the very last one,  
16 it says, "1997 ROD." That was a chosen remedy back in  
17 1997. And then I'll go over how you can read this. But  
18 that remedy at that time was the dig and haul that  
19 Mr. Forman had just described earlier.

20 So here's how you actually read the pie  
21 charts. The most — The completely full circle means  
22 that's probably what is the best option out of  
23 everything.

24 So the least op- — the worst option would  
25 obviously be nothing. Obviously, if you have a quarter,

1 that's just slightly better than not very good. And if  
2 you have three quarters, that means it's pretty gosh  
3 darn good but not the best.

4           So remember, though, just because you have a  
5 full circle doesn't necessarily mean it is 100 percent  
6 the best 'cause, like I told you, no action is not  
7 good. It says the implementability is great. It's  
8 easy, because easy to do nothing. So that's why it's —  
9 it has that bigger thing.

10           So when you look at these charts, what you want  
11 to look at is the fullest bubbles, and that kind of  
12 tells you how it rates and the criteria that I mentioned  
13 before.

14           So the preferred remedy for soil is excavation,  
15 source removals, covers, SVE — stands for soil vapor  
16 extraction, and revetments and ICs, which is  
17 institutional controls. I'll go into institutional  
18 controls shortly what that means.

19           And as you look through here, this is the best  
20 one out of long term. This is the best one out of  
21 reduction of toxicity. These — these three ties for  
22 short term, we know that the top one we don't want to  
23 look at. And — and implementability there's a four-way  
24 tie.

25           So overall technically this one looks like it

1 would be the best. Then we go into the cost. Even  
2 though this one costs more than all of these, it's  
3 better technically, so we choose that remedy.

4 As you could see in the 1997 ROD, these didn't  
5 rate very well; and it was very, very expensive. It was  
6 more than \$60 million, so that's the reason why we're  
7 revisiting this.

8 Next, please.

9 Okay. So the green option that I had showed  
10 you before, which is the S-5, actually has the  
11 excavation, which is dig and remove; and two, two small  
12 areas in Site — and the guys can see it's up here — in  
13 Site 10, 24 — and these are both for lead — and then  
14 also in 26 for PAHs.

15 Small areas are really small. I mean, they  
16 are, like, 10 by 10, 15 by 15. So if you think of it's  
17 a little bedroom, a little — that's about as much soil  
18 that we're going to be excavating out of that — of  
19 those areas.

20 Now, we also have some larger areas, mercury  
21 in 46 — God, I always break this thing — which is  
22 located — mercury, mercury, which is — which is in  
23 this area [indicating] — H'm? I don't know. It won't  
24 work. Thanks — which is about — and that's much  
25 larger. That's going to be about 3,000, 3500 square —

1 I mean cubic yards that we will be taking out.

2 And also we have the methane source, which is  
3 another soil area that we're going to have to be taking  
4 out some high contamination there.

5 Okay. So once — once we take out that soil,  
6 what we do is we haul it off site, and then we backfill  
7 those areas with clean backfill. So the clean backfill,  
8 we make sure that we screen it so it's clean from  
9 chemicals and any type of radiological isotopes before  
10 we do that.

11 So the third bullet is install durable covers  
12 parcelwide. So it's kind of an insurance policy,  
13 because what we're doing is we are taking out all of the  
14 high contaminated areas that have the soil and then to  
15 make sure that we are below our risk numbers for those  
16 areas.

17 But then like what Mr. Forman had talked about  
18 before is Parcel B is — was made of fill when they  
19 actually took the soil from Parcel A and then pushed it  
20 up to "B." And the soil that actually came from "A" and  
21 also in the dredge material of the bay contained  
22 naturally occurring metals and minerals. And because of  
23 that, we are going to implement the durable covers  
24 parcelwide just to make sure that e- — that everything  
25 is protective.

1                   So the fourth bullet, which is build the  
2 shoreline revetment at areas but don't have the seawall  
3 or a dry dock. So we have two areas that — thank  
4 you — that look like beaches. So basically, it's  
5 exposed to — the sand is exposed to the — to the tidal  
6 waves to the sea.

7                   And what we want to do is we want to make sure  
8 we want to protect that from erosion. We don't want the  
9 waves to come in, grab the soil, and basically go out  
10 into the bay. We want to prevent that, especially if we  
11 are cleaning up the area.

12                  So what we do is we — we build a soil  
13 revetment, which could be, you know, you can — anything  
14 that will break the waves from going into — onto the  
15 beach. It could be rocks. You normally put a fabric  
16 down and then put rocks on top, and then that will stop  
17 the erosion.

18                  Next, please.

19                  Okay. So it says, "Remove TCE at Site 10A  
20 [indicating] using a vacuum system." That's the SVE,  
21 the soil vapor extraction. And what that — that  
22 basically means is you have — you have a groundwater  
23 area, and then it's — it's actually creating vapors in  
24 the soil that you don't want people to inhale, 'cause  
25 that's obviously something that we want to be protective



1 of.

2           So the way that we clean that up is we get,  
3 like, a gigantic vacuum cleaner and just vacuum out the  
4 vapors, and that's what we're doing there.

5           We implement institutional controls. We call  
6 those ICs. ICs are just — are just restrictions. So  
7 after we put a remedy in, we say, Okay, now that we put  
8 all of these things in, you can't do certain things  
9 after — after we start developing. And those things  
10 would be in- — would include, like, no digging.

11           So if you build a cap, you don't want anyone to  
12 basically rip out your cap. So no digging. We don't  
13 want people to rip out the cap, get into the soil, and  
14 then grow veggies and then consume them. So those are  
15 just some examples of ICs.

16           There's a whole slew of them. And if you're  
17 really interested, look in the very, very end of your  
18 Proposed Plan, and they're there.

19           And then the very last one is soil gas survey.  
20 So what we do is after our remediation, we go out there  
21 and we sample for soil gas. What will that tell us?  
22 That will tell us if our remedy was successful or not.

23           If we don't have any soil gas, that's great.  
24 If we do have soil gas, it tells us that we have to do  
25 something else. We either have to go back out there, or

1 we have to have some type of other technology in place.

2 Next, please.

3 Okay. So this is the proposed covers that we  
4 have on there. I think this one's a little bit easier  
5 to see because of the colors. I think those colors  
6 [indicating] kind of blend together.

7 But the main thing up here is the green  
8 portions on this particular map would be a new soil  
9 cover. So that's one that we will be creating, a new  
10 soil cover.

11 The — what would you call this? like, an  
12 orange color? That orange color is an existing cap.  
13 Why? Because it's asphalt. Asphalt's a perfect cap  
14 already. It's already there. We just repair anything  
15 that needs to be repaired, but that's al- — that's done  
16 already.

17 And the green that you see on there was what I  
18 had mentioned before, which is a shoreline revetment to  
19 prevent erosion.

20 Next, please.

21 Okay. So I'm going to hand the microphone over  
22 to Lara who will be talking about the groundwater  
23 alternatives.

24 FURTHER PRESENTATION

25 BY MS. URIZAR:

1                   Okay. So as Melanie mentioned, we call these  
2 meatball charts. And we've got three new groundwater  
3 remedies that we looked at since the 1997 ROD, which is  
4 shown in the bottom in blue, which you can't really  
5 tell.

6                   So we have GW-1, no action, which obviously we  
7 are not picking; GW-2, long-term monitoring and  
8 institutional controls; GW-3A, in situ treatment with  
9 biological substrate, which is basically food that we —  
10 for bugs that we put underground, and I'll explain that  
11 in the next slide; monitoring, that is, groundwater  
12 monitoring, and institutional controls; and GW-3B, which  
13 is very similar except for the groundwater treatment.

14                  So we have selected or we are proposing to  
15 select the one in green, which is GW-3A.

16                  Okay. Next.

17                  So here are the details of GW-3A; and we are  
18 going to inject a growth medium, which is food, for  
19 contaminant-eating bugs into groundwater — that's water  
20 underground — near the plume at Site 10, which is  
21 this — this plume here [indicating].

22                  And so bugs — there are bugs that are already  
23 present underground that like to eat these contaminants  
24 that are already present. And what we propose to do is  
25 inject a chemical that helps them grow faster and eat

1 more. So — and we have done tests and studies at the  
2 site and found this to be an effective way to treat  
3 groundwater.

4           The second bullet: Inject a chemical to  
5 immobilize metals in groundwater at Sites 07, 10, and 20  
6 and 26. This will only be if future groundwater  
7 monitoring shows that chemicals, metals, at these sites  
8 present a threat to shoreline ecological receptors,  
9 which is what I discussed earlier, the critters that  
10 live in the bay.

11           So if we see, based on future groundwater  
12 monitoring, that the groundwater could be going towards  
13 the bay, then we propose to inject a chemical to stop  
14 those metals from migrating and from moving towards the  
15 bay.

16           We are also proposing more ground — to monitor  
17 groundwater to track the effectiveness of these proposed  
18 remedies and then to implement institutional controls.  
19 And examples of that would be no domestic use, for  
20 instance, no drinking or showering; and that means no  
21 drinking or showering using the groundwater, using the  
22 water that's under the ground. The water that's already  
23 in your pipes is piped in. It's not the water from  
24 the — under the ground at Hunters Point or the area.

25           And as Keith mentioned earlier, this is

1 consistent with what is in place already in all of San  
2 Francisco. So this isn't really anything too new.

3 Okay. And Keith will talk about the  
4 rad-impacted sites.

5 FURTHER PRESENTATION

6 BY MR. FORMAN:

7 Okay. For the rad-impacted sites — and again,  
8 this is all new. As you notice here, the ROD — the ROD  
9 in 1997 did not include radiologically impacted areas.  
10 But now that we know what they are, we've included  
11 them.

12 And for radionuclides it's pretty simple.  
13 There's not too many options available. The no-action  
14 option we just show here because we are legally required  
15 to show that as a baseline of what would happen or how  
16 effective it is to do nothing. And then we have got two  
17 fairly similar, R-2 and R-3, R-3 being a little more  
18 comprehensive of the site.

19 And you can read that and see this is in  
20 green. So R-3 for radionuclides is our preferred  
21 alternative.

22 You can see also — it's interesting when you  
23 look at the cost here — the Navy is proposing R-3,  
24 which is the most expensive cost that we are listing,  
25 and that's 29.6 million for that alternative; and that

1 would include surveying, decontaminating, disposing,  
2 closing in place, releasing, and institutional controls  
3 in certain areas.

4           So next slide.

5           Okay. So some of the things we're going to do  
6 is we — you can think of it this way: For  
7 radionuclides there's three basic categories of sites  
8 that the Navy tackles on Parcel B. We've got IR-07 and  
9 18. These are just land areas. Then we've got  
10 buildings, a collection of buildings; and then we've got  
11 three building sites and what makes a building here,  
12 here, and here [indicating].

13           And a building site is just a foundation or at  
14 least a location of where a foundation used to be of a  
15 building that's already been demolished and it's not  
16 there anymore. So that's a building site.

17           So we have three building sites. We have about  
18 nine buildings, and we have two land area sites, all of  
19 which need to be addressed in the new Record of  
20 Decision.

21           Okay. So we plan to survey the buildings to  
22 find out exactly what's there.

23           If you're on the Restoration Advisory Board,  
24 you know that we talk a lot about definitions. And one  
25 of the definitions — it's really kind of tricky to

1 someone who doesn't do this all day long — is that what  
2 does it mean to be rad impacted, radiologically  
3 impacted?

4           Radiologically impacted simply means that  
5 evidence indicates there's a potential that there's  
6 radionuclides that are there. Doesn't mean that there  
7 are. Sometimes you will go to a rad-impacted site,  
8 investigate it, and there's simply nothing there, which  
9 is good news for everybody. Sometimes not.

10           So when we talk about rad-impacted buildings,  
11 that's why we have to survey the buildings and really  
12 see if there's many radionuclides there in the first  
13 place that we then need to remove and decontaminate.

14           So we're going to decontaminate buildings.  
15 We'll demolish buildings, if necessary. And some of you  
16 that have been on the base know that so far this year, I  
17 believe we demolished four buildings that were rad  
18 impacted that we thought the good deci- — the best  
19 decision was to just go ahead and demolish the building  
20 and cart it off the base. So we've done that four times  
21 this year. Those are all buildings on other parcels so  
22 far.

23           We're going to also remove the radiologically  
24 impacted storm drain and sanitary sewer lines. Now,  
25 this is interesting because many of you that are in tune

1 with what the Navy's been doing the last three, four  
2 years know that we've been out in Parcel B investigating  
3 the storm drains, storm drain lines, investigating all  
4 the sewer lines, every foot of each of those, and then  
5 determining whether there's rad there in the first  
6 place.

7               Well, the good news is there hasn't been much.  
8 The bad news for the Navy is, in order to do the  
9 investigation on these lines, you have to dig them up  
10 and essentially destroy them in the first place to  
11 determine if there was anything there in the first place  
12 that you needed to clean up.

13              So what we found is: Right around 5 percent of  
14 the soil out of the sewer lines and the storm drain  
15 lines has had low levels of radionuclides in it;  
16 95 percent of it — the soil that we've dug to and  
17 handled has not had any radionuclides in it.

18              So — but that is part of the process that the  
19 Navy feels it must do. In order to thoroughly  
20 investigate it in this case, you've got to go through  
21 every foot of those systems, and that's what we have  
22 done. So that's part of our remedy.

23              And again, so this impacts the storm drains and  
24 sanitary sewer lines. This impacts the buildings and  
25 the building sites.



1                   We also have the land area, Site 7 and 18 here;  
2 and what we plan to do there is — currently that's  
3 where our rad screening yard for all of our rad cleanup  
4 operations is. So we have put down liners there; and  
5 when you drive on the base, you've seen them. They are  
6 dark liners, and that's what we put in sections soil  
7 that we are examining and analyzing.

8                   Well, as soon as we are done using that, which  
9 in the not-too-distant future, next couple of months,  
10 we're going to pick up and remove the rad screening yard  
11 there; and then you'll be looking at the surface again,  
12 as you have these many years.

13                  Once we do that, we are going to scan the  
14 surface of 7 and 18. What Laurie Lowman at RASO is  
15 telling me is, this is going to be a comprehensive —  
16 I'm having the same problems you are now — this is  
17 going to be a comprehensive scan of the two sites.

18                  So when you look at this area, we will grid it  
19 out and do a surface scan with our instruments, and that  
20 will tell us down to 12 inches with certainty what's  
21 there radionuclidewise in the soil. Okay? I don't  
22 expect there will be much there. Maybe nothing.  
23 Hopefully nothing. But we'll find out when we do the —  
24 when we do the survey, the surface scan. So we are  
25 going to do that.

1           If there are any radiological devices or  
2 anything found there, we will remove them; and then we  
3 will install a demarcation layer.

4           So you're going to have at the end of this  
5 remedy what the Navy envisions is having a minimum of  
6 12 inches of clean soil that has been scanned. There's  
7 more clean soil than that in the areas that we've  
8 already excavated and put a lot of clean fill in; but  
9 across the base, there's a common 12 inches that's been  
10 scanned. Then we'll put down a demarcation layer, and  
11 then we'll put a soil cover on top of that.

12           And then we will monitor. We will work with  
13 the regulators and the experts in this field in the  
14 state of California and U.S. EPA, and we will figure out  
15 the appropriate way to monitor that.

16           Okay. Next slide.

17           Okay. We will also then take anything that we  
18 have seen for a rad hot spot, any of that soil, off  
19 site; and we will backfill with clean soil if we find  
20 any radiological hot spots.

21           Now, when it comes it Building 140 — when it  
22 comes to Building 140 there, we talked about not the  
23 building but the pump shaft underneath needs to be  
24 investigated — and that's what we've started doing —  
25 and we need to determine what, if any, radionuclides are

1 down there.

2           So far I don't believe we've found much of  
3 anything. I think in the drainage tunnel we found  
4 extreme low-level cesium that's right at atmospheric  
5 fallout levels.

6           So we haven't found much of anything yet, but  
7 we haven't concluded yet. We haven't stopped searching  
8 and analyzing yet. But when we do, what we'll propose  
9 if there's anything there worth doing for a remedy; if  
10 there's something there that needs to be fixed, then  
11 we're going to propose also filling in gravel and  
12 finishing with a concrete cap in that — in that pump  
13 shaft.

14           And then we're going to implement institutional  
15 controls to protect the remedies that are in place,  
16 primarily at Building 140 and then Site 7 and 18, and  
17 work with the state and federal agencies to ensure that  
18 the remedies that are in place remain in place, remain  
19 monitored, and remain effective.

20           Next.

21           Okay. There's a picture of Building 140,  
22 which, by the way, I believe, is a historical  
23 structure. It's one of the few historical structures on  
24 the base. It's a nice looking brick building inside and  
25 out. And it is not in and of itself rad impacted. In

1 other words, Laurie Lowman and her crew have gone in  
2 there with instruments already, and there's not rad in  
3 that building.

4           What they are doing now, like I said, is  
5 investigating the shaft that's underneath the building  
6 that connects to the dry dock tunnel.

7           Next.

8           Okay. So what's next? This concludes the  
9 overview of — that Lara, Melanie, and I have given of  
10 the Navy's need to change this Record of Decision, why  
11 we believe that's so, and what our new proposed remedies  
12 are for the soil, for the groundwater, and for the  
13 radionuclides.

14           So what I'd like to do next is tell you a  
15 little bit about the schedule and how to comment.

16           First of all, public comments on the Proposed  
17 Plan are due on July 28th. And again, you can comment  
18 here tonight either in writing or speaking, or you can  
19 submit — and I'll have an address here and all the  
20 appropriate addresses and numbers — or you can submit  
21 anytime up to July 28th via E-mail, fax, or mail  
22 comments that you have on the Proposed Plan if you don't  
23 wish to comment tonight in some way.

24           All right. Now, then what happens is, like I  
25 said is, for the official public comments that will be

1 on the record that will be faithfully taken down by  
2 Christine here, we will publish those as part of the  
3 permanent record in our draft Record of Decision, which  
4 is our next document to come out; and you will see your  
5 comment memorialized there and then the Navy's response  
6 to that.

7           And you will see that on August 8th. That is  
8 the schedule that currently to issue the draft Record of  
9 Decision, which is the next step in our — in our  
10 process.

11           Next.

12           Okay. Like I said, so at — if you want to  
13 provide comments but not tonight, that's fine. Just get  
14 them in to me by July 28th, and you have here on your  
15 handouts the appropriate way to do that. You also have  
16 my phone numbers. But you have a fax number, you have  
17 my E-mail address, or you can mail me at that address.  
18 So that's three ways to do it between now and  
19 July 28th.

20           Or since you've already made the commitment of  
21 coming here tonight, you can choose to speak, or you can  
22 just choose to turn something in to Carolyn Hunter as a  
23 written comment, and that will go into the permanent  
24 record too.

25           All right. Now, if you don't wish to talk to

1 me — I hope you do; but if you'd rather talk to a  
2 regulator that's on the team that is regulating Hunters  
3 Point Shipyard, we provided here the contact points for  
4 each agency.

5           Two of those folks, I'm pleased to say, are  
6 here tonight: Mr. Tom Lanphar from California EPA  
7 Department of Toxic Substances Control — thank you for  
8 coming, Tom — and Mark Ripperda from the United States  
9 EPA is here as well — oh, I'm sorry Erich. My  
10 apologies. I didn't see you there — and Erich Simon  
11 from the Water Board for this region in the Bay Area.

12           Thank you, Erich. I'm sorry. Your contact  
13 points are mentioned there too.

14           So if you'd rather talk to Mark or Erich or  
15 Tom, I'm sure they'd be willing to talk to you tonight.  
16 But you also have contact points to talk to them in the  
17 future along with myself.

18           Okay. Now, in addition to this, we've  
19 checked — we have what we call information  
20 repositories, which is just a long word for we have two  
21 places where you can go on your own and read our  
22 documents.

23           And one of them is at the corner of Third and  
24 Revere at the Anna Waden Library that many of you know.  
25 That's where we have many of our subcommittee meetings.

1 In the information repository there, we have a Proposed  
2 Plan.

3 And then we have our comprehensive list of  
4 documents in the San Francisco Main Library, and that's  
5 on Larkin Street, 100 Larkin Street, in the government  
6 information center where we have every one of the  
7 documents produced in this program, which is several  
8 hundred linear feet of documents, its own library unto  
9 itself.

10 So feel free to take a friend to the Anna Waden  
11 Library or the main library here and look at Proposed  
12 Plans or any other documents that pertain to Hunters  
13 Point. Or now you can check us out at our Web site. I  
14 list the Web site there. It's [www.bracpmo.navy.mil](http://www.bracpmo.navy.mil). If  
15 you go to the Hunters Point section, we have posted this  
16 document so that you have an electronic version of it  
17 you can look at that will last long after this paper  
18 copy will.

19 So, okay. Now, this is the first comment  
20 period, the clarifying comment period.

21 Right, Carolyn?

22 MS. HUNTER: Question, question period.

23 MR. FORMAN: Right. Oh, thank you. All right,  
24 although I guess there could be a clarifying comment  
25 too, but . . .

Okay. So here's what we'll do. If you have a question concerning the presentation, then now's your time to do it. You just list the que- — "list a question" — speak your question slowly that Christine can hear because she still has to take a record of the meeting, okay.

But again, I got to caution you, if I think it's not a clarifying question, I'm going to cut you off, okay, because then I will allow you to speak during the official comment period where it becomes a part of the permanent record.

What I'm doing by doing that is doing a favor to you and to me by treating your — your comment that will be in the Record of Decision with the respect it deserves.

If it's a clarifying comment on the slides in the presentation, that's different. I can answer that here and now.

So having said that, let's go with clarifying questions, and please wait until Carolyn Hunter comes with a microphone.

## CLARIFYING QUESTIONS

MS. HARRISON: Keith, my question is actually not for you. It's for the young lady on the end.

You talked about risk assessments, but you



1 never told us what the risks were.

2 THE COURT REPORTER: Who's speaking?

3 MS. HARRISON: Oh. Sorry about that. Marie  
4 Harrison.

5 MS. URIZAR: Well, the risk assessments are  
6 actually summarized in previous documents. I guess I  
7 need a little more information. There's risks from all  
8 the, you know, different chemicals that are present  
9 based on Navy operations, and I guess I want a little  
10 more clarification.

11 MS. HARRISON: Okay. Let's see here. I'd like  
12 to know what the risks you tallied up which you found to  
13 the human life that was connected to that shoreline,  
14 because when I sat on the RAB, I remember that on  
15 Parcel B, you continued to step — they continued to  
16 step out because they kept finding radioactive sand,  
17 whatever you want to call it.

18 So — and now you're telling me that you found  
19 several chemicals. I'd like to know what the risks to  
20 human life it is and how capping that is going to seal  
21 it from the — going in from going into the bay, because  
22 I don't know which direction the groundwater is flowing  
23 in, I guess, is really . . .

24 MS. URIZAR: Okay. Well, there — I think  
25 there's a couple questions in there that you're asking.

1 I can answer the groundwater question pretty easily, so  
2 let's start with that.

3 So groundwater is mostly flowing towards the  
4 bay. Okay. So that's one question.

5 And then you asked how capping it is going to  
6 protect human health?

7 MS. HARRISON: How is capping it going to —?

8 MS. URIZAR: How is capping it going to —?

9 MS. HARRISON: How is that going to stop  
10 whatever is mixed in that groundwater and if it's  
11 flowing toward the bay from getting into the bay?

12 MS. URIZAR: Oh, I see. Okay. So what's going  
13 to happen is the Navy's going to be conducting  
14 groundwater investigations for radionuclides. However,  
15 at this point, 7 and 18 is — well, I guess I'm stumped.

16 MR. FORMAN: All right.

17 Yeah. Marie, the place to find — I know it's  
18 been a long time since you've been with the Restoration  
19 Advisory Board. The place to find the risk assessment  
20 results — in this case, you're talking about the human  
21 health risk assessment results. We did two types of  
22 risk assessments: an updated human health risk  
23 assessment, okay, and a new — and a ecological and eco  
24 risk assessment.

25 To discuss that, we have to have the Technical

1 Memorandum in Support of the ROD Amendment, the TMSRA,  
2 with us. We've covered this document in depth at the  
3 subcommittees and at the RAB.

4 Those risk assessment results obviously are  
5 gridded out, okay. When it comes to risk assessments  
6 for residential exposure scenarios, they're gridded out  
7 in 50-foot by 50-foot grids, which is a lot of grids.

8 To answer your question thoroughly, you — we  
9 would have to have that document in front of us, and  
10 you'd have to go by the numbers; and it's all been  
11 calculated.

12 What I would recommend you do if you're  
13 interested in that is to go to the library and look at  
14 the final T.M.S.R.A, TMSRA. All of the risk assessment  
15 figures are in there. Okay?

16 Having said that, a couple things stand out  
17 from the results of those. A lot of the m- — a lot of  
18 the metals that are in the soil there are driving some  
19 risk that is part of the fill. Okay? So you have  
20 manganese — and you know this from your days on the  
21 Restoration Advisory Board. You have manganese; you  
22 have nickel; you have arsenic in the quantities that  
23 we've seen that present risk from the fill. Okay?

24 So what the Navy's done is we've done a  
25 cumulative risk assessment that accumulates the risk

1 from that fill that's there plus risks from contaminants  
2 that the Navy associates with Navy activities that they  
3 have spilled. You can see both of those in those  
4 documents, both in the final TMSRA and then the addendum  
5 for the radionuclides there. That's where you would  
6 find them.

7 But other than that, I can't in this forum talk  
8 anything more about specific numbers.

9 There's a lot of numbers and a lot of tables,  
10 but it's all spelled out in the Technical Memorandum in  
11 Support of the ROD Amendment. Okay?

12 MS. HARRISON: I guess I'm puzzled. How, then,  
13 can I comment on whether or not I like the notion that  
14 you just presented tonight if I —? If you mention risk  
15 but you're not prepared to talk about them, that leaves  
16 me puzzled, because I'm not a scientist and I don't have  
17 a Ph.D. behind my name, so that means I'd have to get it  
18 and review it when I was hoping you would be able to  
19 give me some kind of something to go on.

20 The other thing is that you're talking about  
21 capping; and to my knowledge, the cap that you put on  
22 "E" didn't quite work the way it should have.

23 MR. FORMAN: I'm sorry. Mr. Ripperda?

24 MR. RIPPERDA: Can I answer a little bit?

25 MR. FORMAN: Sure.

1                   MR. RIPPERDA: So my name is Mark Ripperda.  
2 I'm with the EPA. And there's a couple of questions.  
3 First was about the groundwater. And the Navy has  
4 monitoring wells all along the shoreline. And we know  
5 what's in the groundwater, and there's nothing moving  
6 into the bay that poses a risk to any life in the bay.  
7 And that's part of their groundwater remedy as time goes  
8 forward.

9                   There are some things farther inland; and if  
10 those get — are found in wells closer to the bay, then  
11 the Navy has to do something about it. But there's  
12 nothing moving into the bay now that poses any kind of  
13 risk.

14                  MS. HARRISON: What you're telling me is that  
15 [inaudible] . . .

16                  ATTENDEE: What?

17                  MR. ATTENDEE: You need your microphone.

18                  MS. HARRISON: So are you saying that's what's  
19 in the groundwater right now that's moving towards the  
20 bay is only a risk if it hits the bay?

21                  MR. RIPPERDA: There are some things in the  
22 groundwater that aren't moving towards the bay. They  
23 are sitting right where they are.

24                  But we are making the Navy continue to monitor  
25 both where they are now and every point between that in

1 the bay. They haven't been moving for the last ten  
2 years. We don't expect them to move. But in case  
3 things change, we are making the Navy monitor that.

4           Your other question about risk in the soil? As  
5 Keith said, there's lots and lots and lots of blocks  
6 where the Navy calculated risk. But you can see a  
7 summary of that on page 7 in your Proposed Plan where  
8 Redevelopment Block, you know, 1 through 16 and BOS-1,  
9 -2, and -3, they have listed the risk for the highest  
10 calculated value in the 50 foot by 50 foot parcel — not  
11 parcel — you know, square in each of those — each of  
12 those blocks is pretty big.

13           And the Navy divided each of those blocks into  
14 50-foot by 50-foot grids, which is something, you know,  
15 the government types like me and the DTSC and the  
16 Regional Board said, you know, that's a possible kind of  
17 yard size, a possible exposure area that somebody might  
18 spend time in.

19           So they had to split all of those grids up, and  
20 then listed there is the highest result per grid, and  
21 what those numbers mean for the cancer risk — and you  
22 probably know this from your days on the RAB, but I'll  
23 say it for everybody. Those numbers, 2 times 10 to the  
24 minus 6, it means what's your increased chance of  
25 getting cancer on a one-in-a-million basis.

1                   And so this is where, you know, if you really  
2 want to know all about it, you got to go back to all the  
3 documents like Keith is talking about. But 2 times 10  
4 to the minus 6 means that two people out of a million  
5 has a chance of getting cancer because of what's in  
6 there.

7                   MS. HARRISON: (Inaudible.)

8                   THE COURT REPORTER: I'm not hearing.

9                   MS. HARRISON: I'm just — I was just stating  
10 to him that it might be two — two out of a million,  
11 but — in an open society, but he's forgetting the  
12 cancer risk that are also existing here with the  
13 cumulative impacts right here in this . . .

14                  MR. RIPPERDA: Yeah, and we might be moving  
15 into comment period as —

16                  MR. FORMAN: Yeah.

17                  MR. RIPPERDA: — opposed to clarifying  
18 question.

19                  MR. FORMAN: Yeah.

20                  MR. RIPPERDA: But just one last thing there.  
21 A lot of that risk is from the naturally occurring  
22 soil. You know, everything has a risk, and this soil  
23 has a lot of stuff in it. And so that's one of the  
24 reasons why we actually are making the Navy add in the  
25 requirement for some kind of cover.

1                   And you can't have absolutely zero risk. So  
2 what we want is to make it as safe as possible.

3                   But if you want to repeat what you just said  
4 during the comment period for the record, then, you  
5 know, you should do that.

6                   MR. FORMAN: Right, right. Okay. Okay. Okay.

7                   MR. DA COSTA: My name is Francisco Da Costa.  
8 I'm the director of Environmental Justice Advocacy. The  
9 comment I have to make is on the process. First and  
10 foremost, this being a Superfund site —

11                  MR. FORMAN: Yeah. I'm — I'm sorry.  
12 Francisco, that — this is clarifying comments, just —

13                  MR. DA COSTA: No, no, no.

14                  MR. FORMAN: — in a few minutes, and then  
15 we'll get to official comments.

16                  MR. DA COSTA: Let me make my statement.

17                  This being a Superfund site, we need to pay  
18 attention to the demographics, and I'm talking about the  
19 population.

20                  Now, if 40 percent of the population on the  
21 hill are Samoans and we have an — a majority or a  
22 growing population of Latinos in the community, in this  
23 process to do any cleanup on the Shipyard, we have to  
24 make every effort to embrace them. That's my first  
25 comment.



1                   My second comment is this.

2                   MR. FORMAN: — on the record.

3                   MR. DA COSTA: We cannot come to any standard  
4 or conclusion unless this population understands its  
5 terms in their own language.

6                   Thirdly, even though some of us have had the  
7 information for two weeks now and I have made attempts  
8 to give them to some experts, they find a lot missing.  
9 And I know that I'll have the opportunity to address it  
10 in my comments, but I am focusing on the process.

11                   This process, because of the nature of what is  
12 happening on this parcel, demands an outreach, demands  
13 that we make our very best attempt to reach the  
14 demographics of the population surrounding the Shipyard,  
15 which is constantly being different from what it was  
16 before.

17                   MR. FORMAN: Okay. Yeah. Francisco, thank  
18 you. But again, this is — that was not a question. So  
19 I have nothing to answer, and that's not part of the  
20 permanent record because we're not in the right part of  
21 the meeting.

22                   So are there any clarifying questions? Before  
23 we get on to what I'm sensing is what you — what many  
24 want to do — which is good, and that is the official  
25 public comments; and my interpretation of an official

1 public comment is pretty much what Francisco just said  
2 but not a clarifying question.

3 So Mr. Bloom.

4 MR. BLOOM: Just a quick clarifying question  
5 just to make —

6 MR. FORMAN: Sure.

7 MR. BLOOM: — sure I understand.

8 MR. FORMAN: Sure.

9 MS. HUNTER: Microphone.

10 MR. FORMAN: Sorry. I — Carolyn, my fault.  
11 I didn't know who was next, so . . .

12 MR. BLOOM: I'll certainly yield to the —

13 MR. FORMAN: Okay. And again, please be  
14 patient. Carolyn can only run so fast with a mic in her  
15 hand.

16 MS. ENEA: I want to make sure I understand the  
17 difference between a restricted transfer and an  
18 unrestricted transfer and how that relates or doesn't  
19 relate to institutional controls and level of cleanup.

20 In other words —

21 MR. FORMAN: Okay.

22 MS. ENEA: — if there were an unrestricted  
23 transfer, would that mean that it would be a transfer  
24 without any institutional controls, and/or would it mean  
25 could you have a parcel of land that has been cleaned to

1 residential standards that is still considered a  
2 restricted transfer?

3 MR. FORMAN: Oh, sure, yeah. That's possible.  
4 Those terms are not — I don't want to give you a — an  
5 answer that doesn't make much sense outside of a think  
6 tank or something.

7 There's — When you talk about terms,  
8 it's ha- — you have to separate official terms from  
9 really I think what you're getting at, and that is —  
10 and I want to relate this to Parcel B.

11 There's not going to be any part of Parcel B  
12 that I can see, at least at the onset, that doesn't have  
13 some kind of restriction on it. Now, that should be  
14 expected — in my mind should be expected, particularly  
15 when you have to account for the soil and the  
16 groundwater. That doesn't mean that an effective remedy  
17 won't be put in place.

18 But part of the function of what you're calling  
19 restrictions or institutional controls to protect the  
20 remedy is just that, to protect the remedy, so that  
21 whatever is there stays there and stays effective and is  
22 able to be monitored by regulators, by the Navy, by the  
23 future landowners to ensure that it's protective, you  
24 know, in Year 1 and in Year 5 and in Year 10 and in  
25 Year 15. Part of that is the function of institutional

1 controls.

2           Without them — Depending on the site, without  
3 them, no matter what kind of remedy you put in place,  
4 you don't have any assurance that in 2020 it's still  
5 going to be there or be effective.

6           Now, when you transfer property that you  
7 absolutely know is going to be redeveloped, right — and  
8 the Navy knows that — we're going to clean up the  
9 property, go through the entire process, and ultimately  
10 transfer the property. We know it's going to be  
11 redeveloped, so we know that that redevelopment can't be  
12 done in a vacuum. It can't be done without some sort of  
13 interaction between what the redevelopment is, right,  
14 and what our remedy is.

15           So there needs to be institutional controls to  
16 be protective of that. That really is one of the  
17 mechanisms that makes this work. It's one of the  
18 mechanisms that moves you from the present with your  
19 remedies in place to the future, which is gainfully  
20 using that land and integrating it back into the  
21 community.

22           So that's really the — the role of a lot of  
23 the restrictions. I hope I answered your question.  
24 Okay.

25           MS. JACKSON: Hello. My question is, Do you

1 really want us to believe in this community,  
2 Bayview-Hunters Point, that no one was aware about the  
3 nuclear waste and the spills and everything that had  
4 been done at that shipyard and the fact that that is a  
5 Superfund site when the Navy knew that back in '89?

6 Now, how can you have me to believe —? You  
7 know, it seems — I got a little tired, because it seems  
8 to me is that you want us to think you just found out in  
9 1997 when the other people first came here, the RAB from  
10 the Navy informed us about what was there at that  
11 shipyard; and you here today say Oh, we didn't know  
12 until 1997, and then you says in 2004 we learned about  
13 the birds as though —

14 MR. FORMAN: The birds?

15 MS. JACKSON: — the birds come before the  
16 humans.

17 MR. FORMAN: Okay.

18 MS. JACKSON: That's the way I —

19 MR. FORMAN: Okay. So your — okay. Thank  
20 you, Espanola. So your question is, do — do I expect  
21 you to believe —?

22 MS. JACKSON: Oh. My name is Espanola Jackson,  
23 E-s-p-a-n-o-l-a, Jackson.

24 MR. FORMAN: Thank you. Ms. Jackson, what I  
25 expect you to believe is that until 2002 to 2004, there

1 was nobody who technically and scientifically looked at  
2 all the evidence, sifted through the history of it, and  
3 did enough scientific analysis to put together something  
4 like a radiological assessment. Until that time, there  
5 wasn't that.

6           And it — with the lack of that document and  
7 recording it, I do believe you that there were — there  
8 was a lot of anecdotes and a lot of people who had  
9 worked there who knew things that existed out in the  
10 community. That doesn't mean that — that doesn't mean  
11 that you can take that leap and then go and officially  
12 rad-impact property and buildings and so forth. You  
13 have to follow the process to do that.

14           And all I'm asking you to believe is, it was in  
15 2002 when we started doing that process with the  
16 radiological program.

17           If you wanted to make the argument "Wow, you  
18 guys waited quite a long time," I understand that. I  
19 do. I understand that. Okay.

20           MR. BLOOM: Keith, this again is Saul Bloom,  
21 Arc Ecology, the C.A.C.'s consultant on the  
22 environmental cleanup at the Shipyard.

23           MR. FORMAN: Yes.

24           MR. BLOOM: I have a quick question on the time  
25 line. You've mentioned that the end of comment was the

1 28th —

2 MR. FORMAN: Yes.

3 MR. BLOOM: — of July, and the expected  
4 publication date for the Record of Decision is  
5 August 8th of this year?

6 MR. FORMAN: Yes.

7 MR. BLOOM: Okay. So —

8 MR. FORMAN: The draft.

9 MR. BLOOM: Oh, the draft. So there's 11 days  
10 between the receipt — the end of public comment and the  
11 publication of the ROD?

12 MR. FORMAN: Yes, yes.

13 MR. BLOOM: Okay. Thank you.

14 MR. FORMAN: Sure.

15 MS. CALVERT: Pam Calvert. I work at Literacy  
16 for Environmental Justice, which is immediately adjacent  
17 to Parcel B. I've got a couple of questions of  
18 clarification.

19 One refers to the Slide No. 7 which has to do  
20 with the transfer —

21 MR. FORMAN: Okay.

22 MS. CALVERT: — from — it was one with the  
23 little digging thing on it — from — of the soil from  
24 Parcel A put to Parcel B and that you've said that you  
25 found evidence there that — and I think I — you can

1 clarify. I'm going to say it in my own words —

2 MR. FORMAN: Sure.

3 MS. CALVERT: — that — that it was — it —  
4 the pattern of disbursal of the — of the contaminants  
5 was not consistent with the spill. It was naturally  
6 occurring contaminants in the soil from what had been  
7 brought over from "B" to create — from "A" to create  
8 "B."

9 MR. FORMAN: Yes.

10 MS. CALVERT: Now, I —

11 MR. FORMAN: Okay.

12 MS. CALVERT: So — and since then you've  
13 mentioned manganese and certain — arsenic, et cetera.

14 MR. FORMAN: Nickel . . .

15 MS. CALVERT: Yeah. Is what you found now at  
16 "B" that's changing your whole approach to the ROD, what  
17 are the implications now for Parcel A and remediation at  
18 Parcel A?

19 MR. FORMAN: Okay.

20 MS. CALVERT: That's my first question.

21 MR. FORMAN: Sure.

22 MS. CALVERT: Are there things that weren't  
23 addressed in remediation of Parcel A that perhaps ought  
24 to have been addressed?

25 MR. FORMAN: Well, one of the theories that's



1 followed is that Parcel A has no fill area.

2 MS. CALVERT: Right.

3 MR. FORMAN: Parcel A is up there.

4 MS. CALVERT: But you said the soil —

5 MR. FORMAN: So you're looking —

6 MS. CALVERT: — that came from "A" —

7 MR. FORMAN: Well, it's not the soil. It's the

8 bedrock —

9 MS. CALVERT: Okay.

10 MR. FORMAN: — that was — that we talked

11 about, the bedrock that was taken and crushed —

12 MS. CALVERT: Okay.

13 MR. FORMAN: — right, changed its form,

14 crushed, and then moved out to become fill.

15 Parcel A is — has obviously bedrock deep in

16 it, right, but it also had a lot of topsoil on top of

17 it —

18 MS. CALVERT: Yeah.

19 MR. FORMAN: — and it also — it was wooded.

20 It had trees. It had topsoil, and it was a residential

21 neighborhood for the base.

22 MS. CALVERT: Right.

23 MR. FORMAN: So it was a —

24 MS. CALVERT: But if there are contaminants at

25 "B" that came from "A" . . .

1                   MR. FORMAN: Well, again, you're talking from  
2 the bedrock —

3                   MS. CALVERT: Okay.

4                   MR. FORMAN: — and the bedrock is not —

5                   MS. CALVERT: Okay.

6                   MR. FORMAN: — on the surface.

7                   MS. CALVERT: Right.

8                   MR. FORMAN: That's not where the housing —

9                   MS. CALVERT: But there — So there's no  
10 implications for the remediation of "A" and what you're  
11 planning at "B"?

12                  MR. FORMAN: No

13                  MS. CALVERT: Okay.

14                  Second question. You're talking about — and  
15 this is Slides 18, 25, and 26 where you're talking about  
16 taking things from your — you're taking source  
17 materials and doing removal of source materials, and  
18 you're taking them off the base, and you're carting  
19 things off the base. You're demolishing buildings and  
20 taking them off the base.

21                  Can you tell me exactly where these things are  
22 going to and whose backyard they are going to end up in?

23                  MR. FORMAN: Well, as they occur, we have  
24 places that are certified landfills.

25                  In the state of California, if we have

1 radiological waste, State of California does not allow  
2 us to transport it to anywhere for its resting place  
3 within the state of California.

4 MS. CALVERT: Okay.

5 MR. FORMAN: So we have a place in Idaho we go  
6 and a place in Utah.

7 MS. CALVERT: Okay. Where specifically?

8 MR. FORMAN: I'm drawing a blank.

9 MR. ATTENDEE: Grand View, Idaho.

10 MR. FORMAN: Hold on. It's — Let me think  
11 about that, okay? You — I know the names. There's a  
12 name of a landfill in Idaho, and there's a name of  
13 land — a landfill in Utah.

14 MS. CALVERT: I'd appreciate getting that  
15 information.

16 MR. FORMAN: Okay. All right.

17 MS. CALVERT: Third question. Slide No. 23 —

18 MR. FORMAN: Okay.

19 MS. CALVERT: — you talked about using a —  
20 potentially using a particular chemical to immobilize  
21 the metals. Have you decided what that chemical's going  
22 to be?

23 MR. FORMAN: No. That's only if necessary  
24 based on future groundwater —

25 MS. CALVERT: Right.

1           MR. FORMAN: — sample results, yeah.

2           MS. CALVERT: Inject a chemical?

3           MR. FORMAN: Yes.

4           MS. CALVERT: You don't know what chemical that

5 will be?

6           MR. FORMAN: No.

7           MS. CALVERT: Okay.

8           MR. FORMAN: Not necessarily. It would be a

9 chemical that would immobilize the metals, which is to

10 say —

11          MS. CALVERT: Right.

12          MR. FORMAN: — that it — well, there's a

13 couple of different mechanisms to do that, depending on

14 part — part of the — part of immobilizing the metal

15 is, you can literally what they call sequester it; you

16 can surround it and lock it in.

17          Another way to do that is there are solutions

18 that you can add to the groundwater that precipitate the

19 metals out, and they form a solid that is — that stays

20 in place. It's anchored as a solid. It's no longer

21 inside the groundwater.

22          MS. CALVERT: And there will be — will there

23 be any public comment or any public engagement in the

24 process of that possible remediation strategy?

25          MR. FORMAN: Well, we'll bring it — at the

1 Restoration Advisory Board, there certainly will be —

2 MS. CALVERT: It would have to come in —

3 MR. FORMAN: Sure.

4 MS. CALVERT: — and come back out again?

5 Okay.

6 And the fourth thing is, I'm wondering in

7 your —

8 MR. FORMAN: Well, also in the remedial design,

9 there will be another document —

10 MS. CALVERT: Yeah.

11 MR. FORMAN: — which the public's allowed to

12 review called the remedial design, and that's —

13 MS. CALVERT: Okay.

14 MR. FORMAN: — after we have a final Record of

15 Decision and — but a time has gone by to recreate the

16 design.

17 MS. CALVERT: Okay.

18 And then my fourth question is whether your

19 risk assessment or your ROD are taking into account the

20 impact of any potential seismic event on your seis- —

21 on your safeguards, major seismic event.

22 MR. FORMAN: We have done — Yeah. We have

23 done a liquefaction report on Parcel E-2. I don't know

24 that seismically there was much taken into account for

25 on "B," no.

1                   Yes.

2                   MS. URIZAR:  (Speaks sotto voce to Mr. Forman.)

3                   MR. FORMAN:  Christine is — I'm sorry.  We  
4 are going to take a five-minute break.  Christine needs  
5 a little rest, and then — so we'll come back at 8:05  
6 or — excuse me — 8:06.

7                               *(Whereupon, a recess is taken from*  
8                               *8:07 p.m. to 8:15 p.m.)*

9                   MR. FORMAN:  Okay.  Carolyn — oh, okay.

10                   Now, if you could — I want to make sure that  
11 we get in everybody's question, but I do want to get to  
12 the official comment period where you can come up and  
13 actually say whatever you need to say and get it in the  
14 official record.  I don't want to go too late into that  
15 where folks leave and don't get a chance to get into the  
16 official record; and then, of course, I'll get a call  
17 tomorrow and, you know, they will want to get in the  
18 official record.

19                   So with that . . .

20                   DR. MCGOWAN:  Hi, Mike McGowan, staff scientist  
21 for Arc Ecology and a member of the Restoration Advisory  
22 Board.

23                   My question is about the different reuse  
24 scenarios and the risk assessments.

25                   MR. FORMAN:  Okay.

1                   MR. McGOWAN: You have residential, industrial,  
2 and recreational —

3                   MR. FORMAN: Right.

4                   MR. McGOWAN: — scenarios?

5                   MR. FORMAN: Yes.

6                   MR. McGOWAN: Now, are those three different  
7 levels of cleanup or three different levels of  
8 exposure? Could you explain exactly what those are?

9                   And then —

10                  MR. FORMAN: Well —

11                  MR. McGOWAN: — one — one follow-up —

12                  MR. FORMAN: Yeah.

13                  MR. McGOWAN: — that's — that's included in  
14 that: Did the risk assessment consider the case of a  
15 resident who also worked in an industrial area on the  
16 Shipyard and then went out to play on the open space at  
17 the Shipyard?

18                  MR. FORMAN: No.

19                  MR. McGOWAN: All of those together?

20                  MR. FORMAN: No. That was — That's a li- —  
21 No. That's a bit unorthodox. We follow the — we  
22 follow the already very conservative risk assessment  
23 guidance that is out that is published primarily by U.S.  
24 EPA. The —

25                  Okay. To answer your question, then,

1 Dr. McGowan — and I assume this is — since you know  
2 the answers to those questions already, I'm assuming  
3 you're doing this for the sake —

4 MR. MCGOWAN: Yeah.

5 MR. FORMAN: — of other folks here? Okay.

6 There is diff- — As you know, there's  
7 diff- — there's different exposure scenarios. So what  
8 we've taken is we look at the future reuse of the base,  
9 and that is provided to us by the City of San  
10 Francisco.

11 And there were seven different categories of  
12 reuses there. We are talking primarily about four on  
13 Parcel B, four different — four of those seven. Each  
14 of those have linked to them a different model —  
15 right? — an exposure scenario.

16 And as we indicated, open space has a type of  
17 scenario. We do construction worker everywhere where a  
18 construction worker could be. And then a residential  
19 scenario, which is the most conservative, is done for  
20 mixed use. And then research and development is —

21 MS. BROWNELL: Residential.

22 MR. FORMAN: — residential.

23 So I'm not sure how else to explain it without  
24 getting into too much detail in here in this forum, but  
25 you have to tie a reuse to a risk assessment exposure



1 scenario.

2           So what the Navy did, again, to be  
3 comprehensive and to be conservative in this is we took  
4 all of Parcel B; and regardless of what the City's reuse  
5 plan said, we did a risk assessment in 50-foot grids  
6 across the entire parcel for residential exposure  
7 scenario.

8           The reason why we did that is so that when you  
9 go five years out from when we transfer it, you will be  
10 able to go to that part of the base and see the  
11 residential exposure scenario numbers — right? — for  
12 residential exposure even if that's not its current  
13 reuse. So it's a handy guide just in case future reuse  
14 is a little bit different in 2020 than it is in, say,  
15 2015.

16           So that's what the Navy's done. We basically  
17 did a residential exposure scenario across the parcel  
18 and then industrial as well across the parcel regardless  
19 of the specific reuse category.

20           However, when it comes to reporting it and  
21 tying it into the reuse plan, which we are required to  
22 do, those are the categories that we pick, and those are  
23 the residential exposure scenarios that are agreed upon  
24 that are sufficiently conservative for those particular  
25 categories.

1                   Hope I answered that.

2                   DR. McGOWAN: I guess I still have a question.

3                   There's a large area out there that's labeled

4                   "Industrial." Does that mean that that's going to be

5                   less —

6                   MR. FORMAN: No, that's —

7                   DR. McGOWAN: — cleaned up —

8                   MR. FORMAN: That's not — yeah.

9                   DR. McGOWAN: — than the residential?

10                  MR. FORMAN: Mike, that's not a large area.

11                  That's a smaller area that's right by Building 140, the

12                  pump house. That's in the historical district, so to

13                  speak, the area that is surrounding the historical

14                  building. That is for educational/cultural, which I

15                  guess is the closest fit to what Building 140 is.

16                  DR. McGOWAN: Right. But the "Industrial"

17                  label, does that mean it's cleaned up to a lower

18                  standard than residential, or does it mean that it

19                  allows for a greater risk of contamination? What

20                  does — what does that mean?

21                  MR. FORMAN: Industrial — An industrial

22                  exposure scenario means that the model used for that for

23                  those numbers calculated use different exposure periods

24                  in different scenarios to fit that.

25                  But again — let's go back to what's in the

1 base documents here — the Navy did both exposure  
2 scenarios for all of Parcel B. Furthermore, the  
3 regulators have required that the Navy as a form of  
4 insurance overall of this and to make the point more or  
5 less moot were basically having to cover every part of  
6 Parcel B.

7           When we have a cover in place there, that will  
8 break the exposure pathway. So, in essence, that  
9 becomes moot, other than an academic question in looking  
10 at the numbers for the risk both in the industrial and  
11 the residential scenarios. Okay.

12           DR. TOMPKINS: Mr. Forman, Raymond Tompkins,  
13 RAB.

14           MR. FORMAN: Okay.

15           DR. TOMPKINS: Two quick point of clarification  
16 as well.

17           MR. FORMAN: Okay.

18           DR. TOMPKINS: One, on risk assessment, are you  
19 using the Monte Carlo system — or maybe that should be  
20 to Mark or your assessor — on risk assessment?

21           And as Mike was talking about subset  
22 populations and their increased susceptibility —

23           MR. FORMAN: Well, hold on. One at a time.  
24 The Monte Carlo risk assessment scenario is also known  
25 as probabilistic risk analysis, and we are not using

1 probabilistic risk analysis. We're using the standard  
2 RAGS guidance for residential and industrial exposure  
3 scenarios, and we are using the parameters — the  
4 default parameters for that. So it's not a Monte Carlo  
5 probabilistic risk analysis.

6 DR. TOMPKINS: Okay. Then using the system  
7 that you are using now, could you address — or I didn't  
8 get the clarity when you were talking — when Mike was  
9 asking the question about subset populations and  
10 increased risk, does that come into play with the system  
11 that you're using now in terms of human risk assessment  
12 to population that may be —?

13 MR. FORMAN: No. It does not.

14 DR. TOMPKINS: Okay.

15 MR. FORMAN: There is nothing — there is  
16 nothing in the RAGS guidance that addresses specific  
17 tweaking of an exposure scenario for a subset population  
18 that I'm aware of and certainly none that we use.

19 DR. TOMPKINS: Okay.

20 MR. FORMAN: Okay.

21 DR. MCGOWAN: Then the last one —

22 MR. FORMAN: The — although I got to tell you  
23 that the common thinking on this amongst toxicologist  
24 risk assessors is that the default parameters in place  
25 in the models are so conservative, they more than

1       compensate for any anticipated change — small changes  
2       between any subset populations.

3               DR. TOMPKINS: I met with the author of the —  
4               MR. FORMAN: I'm just te- —  
5               DR. TOMPKINS: — Monte Carlo —  
6               MR. FORMAN: I'm —  
7               DR. TOMPKINS: We had a debate discussion.  
8               MR. FORMAN: Well, that's —  
9               DR. TOMPKINS: We discussed about it.  
10              MR. FORMAN: That's fine.  
11              DR. TOMPKINS: So —  
12              MR. FORMAN: I'm just telling you what —  
13              DR. TOMPKINS: Okay.  
14              MR. FORMAN: — what toxicologists have told me  
15       and what —  
16              DR. TOMPKINS: Okay.  
17              MR. FORMAN: — our toxicologists and frankly  
18       at a meeting we held about four or five years ago where  
19       you and I were there what Dr. Stralka said on the  
20       matter, which was exactly —  
21              DR. TOMPKINS: Right.  
22              MR. FORMAN: — that. Okay.  
23              DR. TOMPKINS: The other question that Saul  
24       brought up also, Could I get clarity the time period?  
25       When is the appropriate time —?

1           For example, you have a very short window for  
2 public comment and for you to review the public comment,  
3 11 days. Would it be —

4           MR. FORMAN: Well, no. It's a —

5           DR. TOMPKINS: — appropriate —?

6           MR. FORMAN: — 30-day — It's a 30-day public  
7 comment period for the Proposed Plan, and then we move  
8 to the Record of Decision — right? — where we — where  
9 is it — which is the next step, and the public can  
10 comment on the Record of Decision as well.

11           So what you're looking at is a series of  
12 documents where things are carried forward where you  
13 have comment periods.

14           In other words, any comment, Ray, that you  
15 could make on the Proposed Plan you could almost  
16 certainly make on the draft Record of Decision.

17           DR. TOMPKINS: Okay.

18           MR. FORMAN: Okay.

19           DR. TOMPKINS: I just want to make sure, would  
20 it be appropriate to ask for an extension at this time  
21 or at a RAB meeting for public comment on the document?

22           MR. FORMAN: I —

23           DR. TOMPKINS: What would be correct protocol?  
24 is my question.

25           MR. FORMAN: I think — I think the best

1 time — if a person needed extra time, the best time to  
2 extend a comment period is when the draft Record of  
3 Decision is issued, and then you can make a — once the  
4 draft Record of Decision is issued, you can — you can  
5 make a request for an extended comment period.

6 DR. TOMPKINS: Talking August? September?

7 MR. FORMAN: We're talking — yeah. We're  
8 talking August 8th. So sometime after that point.

9 DR. TOMPKINS: Thank you.

10 MR. FORMAN: Okay.

11 MR. GAVRICH: Oh, thank you. Thank you. David  
12 Gavrich, Waste Solutions Group and San Francisco Bay  
13 Railroad. Just a couple of questions about the  
14 underlying reason for the change from the 1997 ROD —

15 MR. FORMAN: Okay.

16 MR. GAVRICH: — to —

17 MR. FORMAN: Any specific slide?

18 MR. GAVRICH: No, not really. A couple of  
19 questions from comments that you made. First, you said  
20 the spill model — maybe it was something that mentioned  
21 spill model.

22 MR. FORMAN: Yes.

23 MR. GAVRICH: Spill model was wrong —

24 MR. FORMAN: Yes.

25 MR. GAVRICH: — I think it said —

1                   MR. FORMAN: Well, the idea —

2                   MR. GAVRICH: — for Parcel B.

3                   MR. FORMAN: The idea that there is a spill, if  
4 there's a spill with a contaminant — right? — there  
5 will be a source, and that source will have certain  
6 concentration levels. And as the contaminant typically  
7 bleeds out, so to speak, or covers a certain area,  
8 there's a typical signature to the concentrations that  
9 you would expect to find in three dimensions.

10                   And when you're not finding that and instead  
11 you're looking at fill material that's naturally  
12 composed of these minerals, then you're looking — and  
13 occasionally you have spikes because you have certain  
14 parts of the rock that have a little more of this or a  
15 little more than that — well, then you're looking more  
16 like at a giant oatmeal cookie with a bunch of raisins  
17 in it.

18                   And when you bite into it, you don't ever  
19 really know when you're going to hit a raisin, but you  
20 know you are going to hit a raisin somewhere; and that's  
21 the uncertainty in eating oatmeal cookies with raisins.  
22 It's a little bit like that only a little more  
23 complicated when you're dealing with all the things that  
24 we were dealing with.

25                   MR. GAVRICH: So is this parcel kind of the



1 first of the Navy's new change in position? You said  
2 that the Navy's objective is to find specific  
3 contamination put there by the Navy and clean it up. Is  
4 that the — kind of the approach?

5 MR. FORMAN: Well, yes. That — In fact,  
6 that's the approach, and that is what we are chartered  
7 to do. I mean, in following CERCLA, we are — we are  
8 chartered to clean up releases and spills from Navy  
9 activities.

10 MR. GAVRICH: Okay. So would — kind of by  
11 extension Parcel E-2, for example, which —

12 MR. FORMAN: Yes.

13 MR. GAVRICH: — was a pristine site, did —  
14 nothing existed there until the Navy put it there —  
15 would that mean you're going to clean that up, or is  
16 this just for Parcel B?

17 MR. FORMAN: For all of the parcels, anything  
18 in CERCLA, okay, you have to be protective of human  
19 health and the environment. So whatever remedy we put  
20 forth, we have to demonstrate to the public and to the  
21 regulators, to technical folks and to the community, we  
22 have to demonstrate that we are protective of human  
23 health and the environment.

24 Now, I can understand the challenge here is —  
25 and that makes me want to jump ahead to the official

1 comment period — is a lot of people just want to say "I  
2 want to dig up anything and everything and cart it off,"  
3 okay, which is in the realm of discussion, right? It's  
4 some — It's a valid viewpoint and put forth.

5           From my perspective, what that does is, all of  
6 the tools in the toolbox that any polluter is given to  
7 clean up, that denies all of those tools, takes them all  
8 out of the toolbox, and just says: "You only have one  
9 default tool left. You have to dig and haul." And to  
10 my knowledge, that kind of restriction is not put on  
11 anybody and certainly doesn't seem to me, in my opinion,  
12 to be a reasonable approach —

13           MR. GAVRICH: So —

14           MR. FORMAN: — especially —

15           MR. GAVRICH: — finding specific contamination  
16 put there by the Navy and cleaning it up does not  
17 include — well, in other words —

18           MR. FORMAN: Does —

19           MR. GAVRICH: — that doesn't mean dig and  
20 haul?

21           MR. FORMAN: No. It means — it means being —  
22 finding a remedy that is protective of human health and  
23 the environment and demonstrating that. And there's  
24 many, many ways to do that.

25           MR. LATTIMORE: Hello. My name is Larry

1 Lattimore. And first of all, I'd like to say that your  
2 response to Pamela here was somewhat lacking in the fact  
3 that you didn't know if there were proper assessments  
4 done for lique- — liquification on "B." Could you  
5 address that?

6 MR. FORMAN: Yeah. There was no — well, I did  
7 say there was a liquefaction report done on Parcel E-2.  
8 There wasn't specifically any liquefaction report done  
9 on Parcel B.

10 MR. LATTIMORE: But it would have to come into  
11 play because it's fill, and fill is known to — during  
12 seismic activity to liquefy.

13 MR. FORMAN: Yeah. My — You're in a  
14 different situation when you have a landfill on fill  
15 than when you have compacted earth that has formed a  
16 parcel. That's a — that's a different scenario.

17 What I will tell you — Could I complete —?

18 MR. LATTIMORE: Go ahead.

19 MR. FORMAN: What I will tell you is that there  
20 are ARAR — well, I don't want — there are regulations  
21 in RCRA that require us to do analysis after seismic  
22 events.

23 And when there are seismic events, of which  
24 there have been very many seismic events since  
25 Parcel B — that portion of Parcel B was created which

1 was somewhere between 1951 and '55; that there have been  
2 many seismic events which haven't, to my knowledge, done  
3 anything to that particular ground. Of course, there's  
4 no guarantee in the future, as we all know.

5 But there are — there are RCRA — I don't —  
6 there are specific regulations that require us to do  
7 things and provide analysis after a seismic event, and  
8 those regulations will be enforced on us in the future  
9 as part of our program of what we have to complete and  
10 monitor after we put a cover there.

11 MR. LATTIMORE: So my understanding is your  
12 next — the document that comes out on August the 8th —

13 MR. FORMAN: Yes.

14 MR. LATTIMORE: — will include words that will  
15 address the possible liquefaction of this —

16 MR. FORMAN: No.

17 MR. LATTIMORE: — fill?

18 MR. FORMAN: It won't. But what you can do is  
19 in the official comment period if you want to make an  
20 official comment; if you want to make an official  
21 comment, put that in the record. The Navy will respond  
22 to that, and it will be in the record that way —

23 MR. LATTIMORE: Okay.

24 MR. FORMAN: — if you wish to do that.

25 And I — if you're passionate about it, I

1 encourage you to do that, okay?

2 MR. LATTIMORE: Okay.

3 And my next clarification question is, that  
4 particular graph, that map that's the second one, does  
5 not appear in the pamphlet; and there's similar one  
6 appears in black and white, a couple shades of gray —

7 MR. FORMAN: Okay.

8 MR. LATTIMORE: — but it does not have the  
9 methane deposit, and it doesn't have the mercury  
10 deposit.

11 So many people have this trying to draw a  
12 conclusion, and they don't have all the information.

13 MS. URIZAR: Well, this — this figure, this  
14 map right here, was pulled together just for this  
15 meeting is — kind of simplifies things a little bit to  
16 make it real obvious where we're going to be doing  
17 certain remedies.

18 And all the information that's on this map as  
19 well as the one for radiologically impacted sites, that  
20 also shows the remedies for what we are proposing to do  
21 at the rad sites. All of this was taken from the TMSRA,  
22 which is the Technical Memorandum in Support of a ROD  
23 Amendment. And so all this information is out there.

24 MR. LATTIMORE: But you're publicizing this  
25 particular document and sending it out to people who may

1 never come to this meeting.

2 MS. URIZAR: That's true, and this document  
3 does have that information. But you're right, it — we  
4 don't include this specific figure in there.

5 But like I said, that — these proposed  
6 remedies and the locations of these are in supporting  
7 documentation for this. This document is meant to be a  
8 mailer, and it's supposed to summarize, and it has to be  
9 brief. You know what I mean? We can't — It wouldn't  
10 be practical to send out, you know, two 2-inch binders  
11 to you all. So —

12 MR. LATTIMORE: Okay. I only had one other  
13 question.

14 MS. URIZAR: Okay.

15 MR. LATTIMORE: You guys might not be able to  
16 answer this. But when this excavation was done in '41  
17 or '45 or whatever you said —

18 MR. FORMAN: '4— — I'm sorry, sir.

19 MR. LATTIMORE: When — when part of what it  
20 was or those hills or —

21 MR. FORMAN: Right.

22 MR. LATTIMORE: — those trees stripped out —

23 MR. FORMAN: Okay.

24 MR. LATTIMORE: — for — to make fill for "B,"  
25 these metals and minerals —

1 MR. FORMAN: Yes.

2 MR. LATTIMORE: — were present then.

3 MR. FORMAN: Yes, in a different form, you're  
4 right.

5 MR. LATTIMORE: But —

6 MR. FORMAN: One of the arguments has been,  
7 see, when you have solid bedrock, in order to create new  
8 land, what the Navy did is it carved off that hillside,  
9 and it pulverized the rock; and that made it more  
10 available to the environment — right? — which is part  
11 of what the community and the regulators have been  
12 discussing here.

13 And one of the — one of the keys to that is  
14 that it changed the form of that bedrock. So it's no  
15 longer loo- — it's bedrock material, but it no longer  
16 looks like bedrock on Parcel B. It looks like dirt.  
17 It's ground up. And that has made it more available to  
18 the environment.

19 MS. HARRISON: Keith, right here. Marie.

20 MR. FORMAN: Okay.

21 MS. HARRISON: Real quickly, two things. One,  
22 on Building 140, the old pump house —

23 MR. FORMAN: Yes.

24 MS. HARRISON: — was — did I mishear you?  
25 Did you say that there was no radioactive stuff inside

1 the building itself but that you did locate some  
2 underneath it —

3 MR. FORMAN: Well, no.

4 MS. HARRISON: — in the old sewer system or  
5 the —

6 MR. FORMAN: Right. There's — okay.

7 MS. HARRISON: — drainage or whatever you call  
8 it?

9 MR. FORMAN: Right.

10 MS. HARRISON: Tunnel?

11 MR. FORMAN: Good point. Good point. Okay.

12 So there's that building, and this building has a pump  
13 shaft. There's nothing in the building, you're correct;  
14 I did say that. And then there's a pump shaft that's  
15 being investigated, and the pump shaft is vertical out  
16 of the building.

17 MS. HARRISON: Right.

18 MR. FORMAN: And it goes down about 30 feet, I  
19 believe, and then it joins to a horizontal drainage  
20 tunnel, and that horizontal drainage tunnel item links  
21 Dry Dock 3 with the bay.

22 MS. HARRISON: Right.

23 MR. FORMAN: Okay. So the investigation,  
24 Laurie Lowman and RASO crew, have already investigated  
25 the building before they went in and started



1 investigating —

2 MS. HARRISON: Underneath —

3 MR. FORMAN: — the shaft and the drainage  
4 tunnel.

5 But currently they are investigating the shaft  
6 and the drainage tunnel.

7 MS. HARRISON: Okay. So currently they're  
8 investigating it.

9 Have you also —

10 MR. FORMAN: Yes, ma'am.

11 MS. HARRISON: — looked at the edge of the  
12 water's edge where that drains off into the bay —

13 MR. FORMAN: Well, both —

14 MS. HARRISON: — along the —?

15 MR. FORMAN: — both fence. That will be part  
16 of another investigation. That outfall here that you're  
17 talking about — that's a good point — that will be  
18 investigated, and then also the other end of it in Dry  
19 Dock 3 is currently being investigated there. I believe  
20 she's taking samples out of the inlet that connects Dry  
21 Dock 3 to the tunnel.

22 MS. HARRISON: Okay. My last question for  
23 clarification. A while back I understood you guys to  
24 give a 17-year completion date of cleaning that  
25 Shipyard. Have you now —?

1 MR. FORMAN: Pardon me?

2 MS. HARRISON: I said, A while back you had  
3 given a 17-year completion date for cleaning the  
4 shipyard?

5 MR. FORMAN: Okay.

6 MS. HARRISON: With your new stuff that  
7 you're — that you're — with the adjustments that  
8 you're trying to make now and the capping, are you now  
9 backing away from that 17 years?

10 MR. FORMAN: No.

11 MS. HARRISON: So —

12 MR. FORMAN: I don't — although I don't  
13 rec- — Marie, I don't recall when we talked about  
14 17 years specifically, but I can tell you that our  
15 schedules and our — some of the budget work that  
16 Melanie does goes out to what? 2015? 2015, 2016  
17 currently. Now, I don't —

18 MS. HARRISON: 2015 to 2016?

19 MR. FORMAN: Currently, yes.

20 MS. HARRISON: That's like — what, nine years  
21 max from here?

22 MR. FORMAN: Yes.

23 MS. HARRISON: And with all that you — excuse  
24 me.

25 MR. FORMAN: With the exception of Parcel F,

1 yes.

2 Go ahead.

3 MS. HARRISON: So you have actually backed away  
4 from the further date, because at one point, there —  
5 before I left the RAB, that time span was greater than  
6 any 16 years. Before I left the RAB, the amounts of  
7 money was a whole lot greater than what I understand  
8 that Feinstein them have secured for you. Is that now  
9 going to be enough money to do what needs —

10 MR. FORMAN: Yeah.

11 MS. HARRISON: — to be done to protect this  
12 community?

13 MR. FORMAN: Marie, we're getting way off the  
14 focus of this meeting. So if you want to talk to me  
15 about that, you can talk to me later.

16 MS. HARRISON: I'm just trying to get  
17 clarified —

18 MR. FORMAN: Well, that's —

19 MS. HARRISON: — because you found —

20 MR. FORMAN: It's not —

21 MS. HARRISON: — you're not sure what's —

22 MR. FORMAN: That's not a clarifying question.

23 MS. HARRISON: — underneath the building.

24 MR. FORMAN: It's not a clarifying question,  
25 but I can tell you this.

1 MS. HARRISON: It is a clarifying question —  
2 MR. FORMAN: It is not, Marie.  
3 MS. HARRISON: — Keith.  
4 MR. FORMAN: But I haven't — I haven't backed  
5 away from anything. I'm telling you that my  
6 schedules — Melanie and I worked on the schedules — go  
7 out to about 2015, 2016 now, not inclusive necessarily  
8 of Parcel F.  
9 But again, when I say —  
10 MS. HARRISON: Okay. Now —  
11 MR. FORMAN: Let me finish, please.  
12 MS. HARRISON: — clarify something for me.  
13 MR. FORMAN: Well, let me — Well, everything  
14 I say is dependent year — year by year on budget,  
15 timing — right? — and the scope of what we have to do,  
16 which sometimes changes 'cause standards sometimes  
17 change.  
18 So the core — the core thing to believe here  
19 is you want the Navy to do it and to do it right. The  
20 time frame that it's going to take, it may change. I  
21 have schedules currently out to about 2015, 2016.  
22 Doesn't mean that that won't change, because almost  
23 everything else seems to be changing, but doing my best  
24 to get it done right and to get it done as quickly as we  
25 can.

1                   And I think you have to agree, in the last few  
2 years, we've been making some mighty progress on the  
3 base.

4                   So okay. Any more — any more clarifying —

5                   MS. HARRISON: No. I'm through.

6                   MR. FORMAN: — questions? Okay.

7                   MR. FEINSTEIN: Arthur Feinstein, Sierra Club  
8 and Arc Ecology.

9                   I assume you've taken into account climate  
10 change and sea level rise. That's one question.

11                  MR. FORMAN: No, we haven't, not on Parcel —

12                  MR. FEINSTEIN: Okay.

13                  MR. FORMAN: — B.

14                  MR. FEINSTEIN: Not on Parcel B.

15                  MR. FORMAN: No.

16                  MR. FEINSTEIN: Although you do have —

17                  MR. FORMAN: Well, climate change —

18                  MR. FEINSTEIN: You have beaches.

19                  MR. FORMAN: Again —

20                  MR. FEINSTEIN: They are proposing — At a  
21 minimum nowadays they are thinking 3 feet of sea level  
22 rise; and you know, conservative estimates actually are  
23 moving —

24                  MR. FORMAN: Yes, sir.

25                  MR. FEINSTEIN: — more towards 6.

1                   MR. FORMAN: Again, there's a lot of thoughts  
2 on this, a lot of thoughts. I haven't seen too much  
3 that's actually a regulation yet or a policy guidance.  
4 But I would be happy — I would be happy to read  
5 anything you provide me that you think is pertinent to  
6 that.

7                   I have not come across anything yet that would  
8 be a regulation, an ARAR, that we need to follow that  
9 talks about that. If there is one, then please make me  
10 aware of it. Okay?

11                  But —

12                  MR. FEINSTEIN: Well —

13                  MR. FORMAN: — again, you know, let's stay  
14 focused on the Parcel B Proposed Plan here.

15                  MR. FEINSTEIN: I certainly am.

16                  MR. FORMAN: Okay.

17                  MR. FEINSTEIN: And you have beaches there,  
18 which means that when you have sea level rise, goes up  
19 3 feet, and you put a berm or a rip rap of 1 1/2 feet,  
20 you're overtopped. So —

21                  MR. FORMAN: Right.

22                  MR. FEINSTEIN: — you're —

23                  MR. FORMAN: I would agree with that —

24                  MR. FEINSTEIN: You're not —

25                  MR. FORMAN: — physically. But let's — not

1 getting into the details now, you don't know the design  
2 of our revetment wall yet.

3 MR. FEINSTEIN: No, I don't.

4 MR. FORMAN: Okay. And I can rest assured that  
5 a topic of discussion with our regulators will be just  
6 that. They will probably want us to take something into  
7 account. In fact, the topic of that, global warming and  
8 rising sea levels, has come up with our regulators  
9 before when discussing things with the Navy. So I'm  
10 sure it will come up again.

11 When we get to the remedial design that really  
12 stresses the engineering details of what we're going to  
13 build and construct, that will be the proper place, I  
14 would believe, to address that. Okay.

15 MR. SOLORZANO: Good evening. My name is  
16 Octavio Guillermo Solorzano, and —

17 THE COURT REPORTER: Spell it, please.

18 MR. SOLOROZANO: Octavio? O-c-t-a-v-i-o,  
19 Guillermo Solorzano, S-o-l-o-r-z-a-n-o.

20 I was wondering, what will you be doing to  
21 ensure the safety and the health of the community,  
22 meaning the children, the teens, and the elderly that  
23 live or in general just the people within the community  
24 that reside in Bayview-Hunters Point? What would you be  
25 doing to ensure the health? because, to my knowledge,

1 you're going to have to move a lot of dirt, and that is  
2 an area where naturally occurring asbestos is so — what  
3 will you be doing? Plus the other contaminants.

4 MR. FORMAN: Okay. Well, again — yes, sir. I  
5 refer you again to look at the remedies there that take  
6 into account what we — what we, the Navy, need to do to  
7 be protective.

8 And so if you look at the remedies in the  
9 Proposed Plan here for the soil specifically is what  
10 you're mentioning, you can look at measures that we  
11 think need to be — need to be completed in order to be  
12 protective of human health and the environment. When  
13 you look at those, that's what — that's what we  
14 believe, based on what our risk assessments tell us and  
15 based upon what we know of the base from the data, we  
16 need to do.

17 MR. SOLORZANO: Thank you.

18 MR. FORMAN: Okay.

19 MS. BRYANT: Hi.

20 MR. FORMAN: Hey, Aleta.

21 MS. BRYANT: Okay. Here's my question. You  
22 said that the remedies are analogous to, you know,  
23 selecting tools out of a toolbox. My question would  
24 be —

25 MR. FORMAN: Yes.



1 MS. BRYANT: — is the particular tool — I  
2 guess capping, would that be the most effective tool, or  
3 is it the most cost-effective tool in order to be able  
4 to get the job done?

5 MR. FORMAN: That's a good question, and I  
6 would invite your attention again to those charts here  
7 on page 12 and 13, page 13 here, and you can look at the  
8 criteria that we have to measure them against. Those  
9 criteria are the benchmarks that we measure the  
10 alternatives that we presented there, the combinations  
11 of alternatives, actually, that we presented there.

12 And this is your opportunity to read this and  
13 then to offer your opinion on the analysis that we've  
14 done. And when you do that, then we will — we will  
15 respond.

16 But this is — this is the product of what  
17 we've done.

18 MS. BRYANT: Okay.

19 And then I guess my other question would be  
20 about the remedies, are they contingent — you know,  
21 honestly, are they contingent on time? dollar amount?  
22 both? And what do we actually — or maybe what do we  
23 actually give up, or is that part of what's in this  
24 analysis as well? What do we compromise by doing that,  
25 if there's a compromise at all?

1                   MR. FORMAN: Yes, ma'am. Well, as you can see  
2 in some of these remedies, some of them are more  
3 protective and effective long term than short term.  
4 Some of them are easier to implement, and they all have  
5 different costs.

6                   So those are really the benchmarks that you  
7 would evaluate by, that we evaluate by, to determine  
8 what we've recommended.

9                   So when you see there S-5 in this case for soil  
10 is what we are recommending, you can see what the Navy's  
11 opinion of that in those categories is. And that's our  
12 analysis of it.

13                  Now, what is it contingent upon, I'm not  
14 sure — I'm not sure what that question is.

15                  MS. BRYANT: Okay. When I say the remedy that  
16 you guys are proposing, which is the cap —

17                  MR. FORMAN: Yes.

18                  MS. BRYANT: — is —

19                  MR. FORMAN: Well, no, no. I — The remedy —

20                  MS. BRYANT: I mean the overall — I'm sorry.

21                  MR. FORMAN: The remedy is more than that. You  
22 have to read everything that's part of S-5 there.

23                  MS. BRYANT: Yeah. I'm just trying — For  
24 loss of a lot of time, I was just trying to get down to  
25 it.

1                   But I guess what I'm asking overall or  
2 generally speaking —

3                   MR. FORMAN: Yes.

4                   MS. BRYANT: — what is the prevailing force  
5 behind the decision? Is it human health and safety  
6 first? Is it dollar amount? Is it time, or is it  
7 really an amalgamation of all three but one I'm sure and  
8 probably sticks out more than the other?

9                   MR. FORMAN: It's being protective — it's  
10 being protective of human health and the environment.  
11 It's complying with all the guidelines, and it's also  
12 determined to be the most effective and implementable.  
13 You have to be able to do it. You can't put out a  
14 remedy — The Navy can't put out a remedy that seems  
15 like the greatest slice of pie you've ever seen and then  
16 not be able to do it.

17                   So it's a combination of implementability, the  
18 two different effectivenesses, and then — and then  
19 basically the ability to provide that it's overall  
20 protection of human health and the environment. I'm  
21 not —

22                   MS. BRYANT: Okay. That makes sense.

23                   MR. FORMAN: Okay.

24                   MS. BRYANT: And so — okay. So then what  
25 you're saying ultimately is that ideally there's an

1 ideal way, and then there is what's practical and  
2 feasible. Is that sort of where we are for clarity for  
3 everybody else?

4 MR. FORMAN: No.

5 MS. BRYANT: Because —

6 MR. FORMAN: That's a good question. No, it's  
7 not where we are. The Navy — because the Navy —  
8 again, the Navy is held to these two standards that it  
9 must meet and must demonstrate it meets, and that is,  
10 got to be protective of human health and the  
11 environment. It has to do that, and it has to meet all  
12 the regulations and laws and statutes and guidelines,  
13 and those are those first two categories. It has to do  
14 that.

15 So that has to be the common denominator of any  
16 remedy for — whether it's soil, groundwater,  
17 radionuclides, anywhere on the base, it has to do that.  
18 Then you have to look at the other what they call  
19 balancing criteria there to see what really is the best  
20 way to go about doing it.

21 Okay. Now, all right. What I'd like to do now  
22 is, can we go to the official public comment period?

23 MR. SMITH: I just have one question.

24 DR. RAO: Clarifying question.

25 MS. BROWNELL: They can ask questions.

1 DR. RAO: Actually, they are clarifying  
2 questions.  
3 MR. FORMAN: Amy, let —  
4 MR. SMITH: Yeah, it's just a clarification  
5 question.  
6 MR. FORMAN: Go ahead.  
7 MR. SMITH: Yeah. Hi. My name is Eric Smith.  
8 I'm with the alternative fuels nonprofit Green Depot.  
9 I know tonight we are talking about Parcel B  
10 and the level of, you know, whole PowerPoint  
11 presentation everything. Is there a — is there a time  
12 frame for this kind of presentation, or has the Navy  
13 done this kind of risk assessment for all the other  
14 things, "A," "B" —  
15 MR. FORMAN: Yes, sir.  
16 MR. SMITH: — E-2, all of those?  
17 And when will the public see those?  
18 MR. FORMAN: Yes, sir. If you want to get more  
19 involved in the process, we have meetings at the  
20 Restoration Advisory Board. After this meeting or while  
21 other people are giving official comments, I can talk to  
22 you about that.  
23 But short answer is, every parcel has this  
24 process under CERCLA. They are all in slightly  
25 different stages of where they are at, and they all have

1 schedules.

2           And if you go to the information repositories,  
3 the libraries, you can find out more; or if you want to  
4 talk to me, you can find out more. And if you really  
5 want to get involved, you can join the Restoration  
6 Advisory Board, and there's a way to do that. Robert  
7 Van Houten is on the committee that screens applicants  
8 for that.

9           But in short, every parcel has a similar  
10 process, and they all have schedules. And tonight we're  
11 here to talk about Parcel B.

12           MS. ENEA: (Inaudible.)

13           MR. FORMAN: Pardon?

14           MS. ENEA: There's a Technical Subcommittee  
15 tomorrow night —

16           DR. RAO: — at the police station.

17           MR. FORMAN: Okay. But again, we're —

18           MS. JACKSON: What did she say?

19           MR. FORMAN: She asked about the Technical  
20 Subcommittee meeting tonight, but —

21           MS. ENEA: There's a meeting tomorrow night.

22           MR. FORMAN: Okay.

23           MS. ENEA: We will be discussing this.

24           MS. JACKSON: She got a little voice. I'm hard  
25 of hearing in one ear.

1                   MR. FORMAN: Okay. But again, Kristine, we can  
2 announce that. That's fine to do. Let's go ahead and  
3 make that announcement if you wish to. But again —

4                   MS. ENEA: There's a Technical Subcommittee  
5 meeting —

6                   MR. FORMAN: — this is about Parcel B.

7                   MS. ENEA: — tomorrow night, and we're going  
8 to discuss Parcel B in a more informal setting. It's at  
9 the community room at the police station. It starts at  
10 6 p.m.

11                  MR. FORMAN: Okay. Thank you.

12                  Now I'd like to go to the official public  
13 comment period, okay? I'd like to go to the official  
14 public comment period.

15                  Mr. James, would you — if you want to be one  
16 of the first here to do that, that's fine.

17                  Now, what I'd like to do is, I'd like you to  
18 come up here when you make an official comment, state  
19 your name, and notice that you're going to be in front  
20 of Christine. There's a reason for that. She has to  
21 take it down.

22                  So form a line, if you may. Please form a  
23 line, and go ahead and very — in an orderly fashion, go  
24 ahead and make your comment.

25                  Now, again, this is for the record. We will

1 sit here and listen attentively; and at the end of this,  
2 we will take it down into a record. We will respond to  
3 this in the draft Record of Decision. You will get an  
4 official response from the Navy. Okay.

5 DR. RAO: I beat him to it.

6 MR. FORMAN: You sure? Okay. All right.

7 **COMMENT**

8 BY DR. RAO:

9 Hi. Thank you so much, Keith, Melanie, and  
10 Lara. My name is Sudeep Rao. I'm a member of the  
11 Restoration Advisory Board and also a Bayview resident  
12 as of July 2008.

13 I had some questions, clarifying questions; but  
14 in interest of time, I wanted to include them here in  
15 the — in the public record time frame.

16 And one was in terms of to get a clarification  
17 as far as this process, how does the regulatory agencies  
18 assess the community input, how the weightage is done or  
19 how the decisions are taken based on all the feedback  
20 that we have made?

21 And according to the National Contingency Plan,  
22 there is — the community input is all the way at No. 9,  
23 and I just wanted to get an idea as to how the  
24 regulatory agencies — I can talk to you about it also  
25 afterwards, but I just thought maybe it will help the



1 community members to know about that.

2           The second one is, in Slide 23, we talk about  
3 the injection of chemicals for metals. If this  
4 particular ROD amendment proposal is actually not  
5 including — According to Table 11 on page 13 of this  
6 revised document, it doesn't mention any injection of  
7 chemical for heavy metal immobilization.

8           So that means we are not factoring in the costs  
9 or none of that is being included, because I think,  
10 Keith, you mentioned that it will be included in the  
11 analysis if later future groundwater tests are taken  
12 into account.

13           So my assumption is that current groundwater  
14 data do not necessitate any mobilization of metals, so I  
15 just want a clarification from the Navy on that.

16           And the last one is for Table No. 12 in page 13  
17 of the revised Proposed Plan, we are looking at this  
18 what you called as the meatball chart. The balancing  
19 criteria, the difference between R-1 and R-3, which is  
20 R-3, which is now recommended by the Navy, the only  
21 difference between these two R-2 and R-3 is for  
22 long-term effectiveness, it's three quarters whereas R-2  
23 is half. And implementability it is three quarters  
24 whereas it's half R-2.

25           So we show a quarter improvement in both these

1 criteria, but to me I find it ha- — I'm trying to  
2 understand how — if you are closing in place, how it  
3 actually improves long-term effectiveness if you're  
4 actually — if you're actually closing in place and,  
5 No. 2, how implementability is actually more effective  
6 if you're closing in place.

7                   So that goes to some of the things that I  
8 have. Thank you.

9                   MR. FORMAN: Thank you, Sudeep. Appreciate it.

10                                           **COMMENT**

11 BY MR. JAMES:

12                   My name is Oscar James. I'm a native resident  
13 of Bayview-Hunters Point, one of the few parakeets  
14 that's still here.

15                   And when I say that is the chemicals that came  
16 into the Hunters Point Shipyard from other areas, the  
17 peoples who were raised, born, and brought up in this  
18 community were affected by those chemicals, our parents,  
19 our children, and the peoples of my age. I'm 61.

20                   But anyway, what I want to say is we want this  
21 shipyard 100 percent clean. We want nothing less than  
22 100 percent clean.

23                   We had a ballot that went on the — on the  
24 election, Prop B — Prop P that passed, and the City as  
25 a whole voted for the area to be 100 percent clean.

So we're asking for the Shipyard to be 100 percent clean. We won't accept anything less than that.

And I also want to find out, did —? I mean, we appreciate Dianne Feinstein and Barbara Boxer getting the moneys to clean up the Shipyard, but do they have any representation here tonight? Because we requested for them to be present, and I want it to be known that they do not have any representation here; and our concerns are for them to be or have representatives here representing our community. We vote for them. I vote for them. Each time they voted, I voted for her from supervisor on up to, and I think it's an insult not to come to this community and hear what the community has to say.

Thank you very much.

MR. FORMAN: Thank you, sir.

**COMMENT**

BY MS. JACKSON:

Thank you very much. My name is Espanola Jackson, and I've been a resident of this community since 1948.

I would like to say that the Navy has the responsibility to clean that shipyard irregardless of the fact that Congress has not allocated the money for

1 you to clean it.

2           We in Bayview-Hunters Point have a problem with  
3 any portion of that shipyard continually, as you've done  
4 already, given away to the city Parcel A, and it seem to  
5 those of us that live here feel that you are  
6 fast-tracking with the City and County of San Francisco  
7 to transfer the land in order for Lennar to build  
8 housing and other things that they can't do because they  
9 bankrupt.

10           Now, I feel and this total community feel, like  
11 the speaker before me, we are not going to accept any  
12 less than that total shipyard to be clean to residential  
13 standards.

14           If you have to move that dirty dirt, move it.  
15 You need us as we need you to clean it. For us to say  
16 in this community and you can go back and say that look,  
17 I made the statement to you before, we need  
18 \$10 billion. You stated 60 million. You know you can't  
19 even scrape the surface with \$60 million. That is a  
20 Superfund site.

21           And let's be real with each other. Don't come  
22 and play games because you've already met with the  
23 C.A.C. But the Navy, you know you have a responsibility  
24 to the RAB board. The City ignores the RAB board, and  
25 it seem as though you are allowing it. You've never

1 told the City and County of San Francisco you have to go  
2 to the RAB board and see what they have to say about  
3 transferring the land.

4 But no, you go to the PAC and to the CAC  
5 because this is what the City saying they want so they  
6 follows the rules of the City but not of the community,  
7 and that is wrong.

8 And I'm hoping you getting every word that I am  
9 saying because I'm very slow about saying my people are  
10 dying in this community, and they been dying for years  
11 in this community; and we want to see, because the  
12 Health Department ain't going help us. They've lied  
13 about the dust mitigation that was going on with Lennar  
14 at Parcel A. Now, when that wind was blowing, it blew  
15 all over. So that mean other parcels that area was  
16 contaminated with the dust coming from Parcel A.

17 And as when you told me at the last meeting  
18 that you removed the dirt from "A" and put it on "B,"  
19 that's dirty stuff. It ain't nothing clean out there.

20 And you know that that area being a Superfund  
21 site and all the radiation that's out there, nobody  
22 should be living there. You — I bet if you owned a  
23 dog and you lived in the Sunset, you would not take your  
24 dog out there at that shipyard, 'cause I know I won't.

25 So we want it clean, all. And don't fast-track

1 this "B," area "B," for the next two months, because I  
2 know the mayor's running out of time. He going to be  
3 leaving office. But we want everything clean here.  
4 Take your time, because you didn't find out until what  
5 you said earlier, until '97, and the Navy knew back in  
6 '89 that there was radiation out there.

7           So if you took ten years — was that 10,  
8 11 years to finally say "Oh, there is radiation," that  
9 will be unfair to the residents.

10           And none of your messages goes out to the  
11 community. I've stated this before. We have a lot of  
12 Samoans that do not speak English in this community. We  
13 have a — plenty of Latinos, Mexicans, whatever names  
14 they call themselves. They need to understand what you  
15 all are planning to do. We also have a lot of Asians  
16 that have moved into this community.

17           Now, I don't want you thinking no more that  
18 people are saying this is a black community. This is  
19 not a black community. We are only 5 percent of the  
20 population here. So let's get real about the poor white  
21 folk that have vote out here as well in the last ten  
22 years, because they were not here before.

23           Thank you very much.

24           MR. FORMAN: Thank you, ma'am. Appreciate  
25 that.

1 COMMENT

2 BY MS. CALVERT:

3 My name is Pamela Calvert. Three points. At  
4 Keith Forman's specific suggestion, I'd like to enter  
5 into the comments the suggestion that the risk  
6 assessment and the ROD take into account a major seismic  
7 event, the impact of that on the capping and the control  
8 of the contaminants in place.

9 The second is that I would — even though Keith  
10 says that it's an unorthodox approach to consider a  
11 resident who works at an industrial site on the base and  
12 then goes out to recreate on site and actually lives  
13 there that it — that it's an unorthodox approach to  
14 take that into consideration in doing risk assessment.

15 It nevertheless is what we are actually hoping  
16 for in this community is people who actually live and  
17 work and can recreate here. And so I think it would be  
18 realistic, if perhaps unorthodox, for the Navy to take  
19 this into consideration.

20 And he also says that there's nothing in the  
21 RAGS guidelines that allows for tweaking the particular  
22 subpopulations to allow the cumulative impacts. Again,  
23 I think that that's unrealistic in this particular  
24 community, and the risk assessment has to take that into  
25 consideration even if it means breaking new ground in —

1 in doing risk assessment by the Navy. We could break  
2 new ground here at Bayview-Hunters Point. Imagine that.

3 The third thing is I'm really concerned about  
4 the solution of — the, quote, "solution," unquote, of  
5 taking things away from here and putting them in other  
6 states where there will be a problem where they won't be  
7 a problem for us and so we can stop thinking about  
8 them. And solving problems for Bayview-Hunters Point  
9 doesn't — shouldn't involve creating problems for other  
10 people's communities.

11 And so I don't know about what's going on in  
12 Clive, Utah, or in a town in Idaho that we don't know  
13 the name of yet; but I would like to see a  
14 cradle-to-grave analysis of what's being taken from  
15 here, put somewhere else, and then what? I would like  
16 to see that taken into account in the analysis in the  
17 ROD.

18 MR. FORMAN: Thank you. Appreciate it.

19 **COMMENT**

20 BY MR. DA COSTA:

21 My name is Francisco Da Costa, D-a C-o-s-t-a,  
22 and I'm the director of Environmental Justice Advocacy.  
23 I'm also going to make statements on behalf of the first  
24 people, the Muwekma Ohlone, M-u-w-e-k-m-a, O-h-l-o-n-e,  
25 Ohlone.



1               First and foremost, I would like to remind the  
2 Navy and the regulatory agencies that this is a  
3 Superfund site but also one of the ten worst Superfund  
4 sites in the nation.

5               Having said that, I would like to remind the  
6 regulatory agencies and the Navy that at one time on  
7 Hunters Point, there were two hills: the sacred shell  
8 mounds of the Ohlone.

9               So when we are talking that the hills were  
10 demolished and that the material or the earth or the  
11 rocks was spread all over the Shipyard, including  
12 Parcel B, let me make a statement. The land was  
13 desecrated, because the sacred remains of the Ohlone  
14 were taken from one place and spread all over, including  
15 Parcel B.

16              Federally you are mandated that all of the  
17 Shipyard should be ecologically surveyed. In our case,  
18 the Muwekma Ohlone were re- — were federally registered  
19 up till 1927 and then illegally removed.

20              So I want you to pay attention to this, because  
21 this case is in the Supreme Court; and if it's  
22 adjudicated in favor of the first people, many things  
23 will change.

24              Having said that, as I made some statements  
25 earlier, it would be prudent on the part of the

1 regulatory agencies and the Navy to pay attention to the  
2 adverse impacts on the population surrounding the  
3 Shipyard.

4           And one of the largest segments of the  
5 population are the Samoans. They have suffered  
6 immensely, and they have also contributed to this nation  
7 by serving in the Department of Defense and having a  
8 very large amount of casualties.

9           This city, the City of San Francisco, has a  
10 precautionary principle. This principle has to be  
11 applied.

12           This city, the City of San Francisco, in the  
13 year close to 2000 forced the Navy to transfer  
14 Parcel A. Looking at a model of Parcel A, we, meaning  
15 the advocates and the experts, have realized that the  
16 Navy with very good intentions did convey Parcel A, but  
17 the developer who took over Parcel A adversely impacted  
18 not only Parcel A, but the rest of the Shipyard.

19           People seemed to be confused that radiological  
20 elements should remain on the Shipyard. Radiological  
21 elements that are on the Shipyard have to be removed in  
22 its totality and taken to certain areas, and I believe  
23 the Corps of Engineers and other experts deal with this  
24 situation, and that has to be done thoroughly.

25           The first people are very concerned, and I been

1 told this by the first people to mention we are very  
2 concerned about the watershed. The watershed is  
3 something that is sacred to the first people. And so I  
4 been hearing that there are various models to mitigate  
5 the watershed, and so I will be paying attention to see  
6 that this is done to some standard.

7           The people of the Bayview-Hunters Point — and  
8 I been following this generally since 1980 and precisely  
9 since 1988 when I worked for the Presidio of San  
10 Francisco and was privy to a lot of information about  
11 Treasure Island and Hunters Point Naval Shipyard.

12           The current thinking in the market is to put  
13 about 2,500 homes on Parcel B. If this is the intention  
14 of the regulatory agencies and those forces who are on  
15 the take, meaning that they get money so that they can  
16 support this idea that 2,500 homes can be put on  
17 Parcel B, which in my subjective opinion is prone to  
18 liquefaction and global warming, which means when the  
19 tides rise, they will adversely impact this area, as has  
20 been pointed out by BCDC and even other experts and at  
21 conferences that I've attended, and this has to be taken  
22 into an account.

23           Finally, there are forces within the city that  
24 live mostly in the Pacific Heights that have vested  
25 interest on Parcel B, and we know about them.

1                   And so it is a request of the tribe, the  
2 Muwekma Ohlone tribe, to do whatever is right on behalf  
3 of the people to maintain a standard, to clean up the  
4 entire shipyard to residential standards according to  
5 Proposition P that passed in the year 2000 and was voted  
6 by 87 percent of the people.

7                   If this is not done and we are watching  
8 Parcel B, we will be forced to put another ballot  
9 measure so that the constituents of San Francisco can  
10 vote again, and then I hope the Navy abides by that  
11 decision and so do the regulatory agencies.

12                   Thank you very much.

13                   MR. FORMAN: Thank you, sir.

14                   **COMMENT**

15 BY MS. FLORES BOLANOS:

16                   Good evening. My name is Adela Andrea Flores  
17 Bolanos, and I reside at Bayview-Hunters Point, to be  
18 more — to be more precise, half a block away from the  
19 Shipyard.

20                   My son was a student at John O'Connell High  
21 School and dramatically dropped from a 4.0 to a 1.87 GPA  
22 due to the construction created by Lennar Corporation.  
23 Now, I'm saying this because I'm very worried about what  
24 the Navy's going to do as a parent, as a neighbor, as a  
25 resident of the Bayview-Hunters Point.

1                   I will like the Navy to do a hundred percent  
2 cleanup. I don't want a cap in there or anything like  
3 that because if Lennar created all this commotion and  
4 all this problems and health risk to all the residents  
5 of Bayview-Hunters Point, we will like for the Navy to  
6 do the right thing. Now is the time for you guys to do  
7 the right thing, clean everything up, take everything  
8 that is health hazards to the children, elderly, and  
9 people in the area, especially there is a school there  
10 less than probably 10 feets away from the Shipyard,  
11 which is Muhammad University. There's little childrens  
12 there, and it's not fair for us to be getting sick and  
13 our children and our elderly and nobody does anything  
14 about it.

15                   Now, me, personally, I don't trust the Health  
16 Department due to that fact, that they send as a fact  
17 sheet on our mail saying that the air quality on the  
18 Bayview-Hunters Point is the best quality there is in  
19 the City of San Francisco and a lot of part of the  
20 nation, and that's a lie because I got sick. Everybody  
21 got sick. We were tested. We have antimony, mercury,  
22 chrome, chrome *[sic]*, and arsenic; and then we have it  
23 in our system. That's what we told them, Hold the  
24 construction temporarily, and this is the people, but  
25 they haven't done anything about it.

1                   So thank you.

2                   MR. FORMAN: Thank you, ma'am.

3                                           **COMMENT**

4 BY MR. SOLORZANO:

5                   Good evening again. My name is Octavio  
6 Guillermo Solorzano. And the lady that just spoke right  
7 now, Miss Adela Flores Bolanos, that is my mother; and I  
8 am the student whose grades dramatically dropped from a  
9 4.0 to a 1.86. And I would like to say again that my  
10 worries are the safety and the health of the community,  
11 which includes the children, youth, and elderly.

12                   What will be the proper precautions that will  
13 be taken to make sure that everybody's health stays  
14 normal or it gets better?

15                   And that as well that I don't want the Navy to  
16 put caps or covers. Just the 100 percent cleanup. No  
17 caps, no covers. I mean, you owe it to the community.

18                   Thank you.

19                   MR. FORMAN: Thank you, sir.

20                   Dr. Tompkins, can this —? This will be the  
21 last —

22                   DR. RAO: I have one.

23                   MR. FORMAN: I am talking about Christine will  
24 need at some point to take another break.

25                   DR. TOMPKINS: Before or after?

1 MR. FORMAN: After, Christine? I don't know.

2 THE COURT REPORTER: Now would be fine.

3 MR. FORMAN: Now would be good. Okay.

4 Dr. Tompkins, if we could just come back to you  
5 as soon as she's had a five-minute break.

6 DR. TOMPKINS: No problem.

7 MR. FORMAN: All right. Thanks.

8 *(Whereupon, a recess is taken from*

9 *9:13 p.m. to 9:22 p.m.)*

10 MR. FORMAN: Okay. All right. If we could  
11 continue.

12 Dr. Tompkins, thank you for your patience.

13 DR. TOMPKINS: No problem.

14 MR. FORMAN: You are next.

15 **COMMENT**

16 BY DR. TOMPKINS:

17 Thank you. Dr. Raymond Tompkins. I'm also a  
18 RAB board member.

19 I concur with my colleague from Community on  
20 the Environment that I think that the risk assessment  
21 that was employed leaves out a significant sensitive  
22 population of Bayview-Hunters Point, since I designed  
23 and helped execute the sur- — health surveys in  
24 Bayview-Hunters Point in the '90s that was conducted  
25 within the Health Department — who was it, Kevin —

1 Dr. Kevin Grumbach and Tomas — Dr. Tomas Aragon, that  
2 Bayview has an acutely ill population.

3 And using the measurements, I understand it  
4 from the presentation that we're using a medical model  
5 that only occurs — takes into account a 35-year-old  
6 white male. Doesn't deal with women or the subset  
7 populations or at-risk populations.

8 And unfortunately, in Bayview we have a  
9 disproportionate high-risk population. I think they are  
10 owed that extra step of protection. Their grandfathers  
11 died in that shipyard because of discriminatory  
12 practices by the government and policy. Their  
13 descendents should be awarded that extra protection for  
14 their health.

15 My brother lives across the street from  
16 Parcel B. So I have family there. So I have a very  
17 emotional factor that I want that extra step taken to  
18 account when we are doing risk assessment to protect the  
19 community.

20 Secondly, you heard also — and I have  
21 discussed with Mr. Bloom and other members of different  
22 organizations that I am not for any way as it stands now  
23 a quick deed transfer until we have an accountability  
24 system set in place so that we could avoid the debacle  
25 of Parcel A.



1                   Right now you're sent through a maze. You  
2 don't know who the hell you're going to talk to. Go  
3 call Lennar.

4                   I think the Navy in terms of responsibility to  
5 the public and the Department of Defense should require  
6 that a true system for the citizens to know who to call  
7 and oversight like you have on the RAB of public  
8 participation.

9                   I believe in democracy, not the Machiavellian  
10 or you're the PAC or you're the C.A.C. or you're the  
11 RAB. All of us sit at and participate with the  
12 regulators 'cause they are the ones that have the  
13 oversight of this; and that as we are having a forum, a  
14 discussion, here, however this organizational oversight  
15 takes place should be and the Navy should participate in  
16 it as well because ultimately you are responsible and  
17 how — whatever mechanism we develop, it's imperative.

18                  Even with the state report if I remember  
19 correctly that they said they needed, and it was put in  
20 the budget — city budget for someone else to have —  
21 help Amy Brownell. This is a large project. She can't  
22 be everywhere.

23                  Therefore, we need to put in those gaps for a  
24 kind adjective, and I think if they could — Lennar and  
25 the others could put out a million dollars for this last

1 damn election, find the money for salary to protect the  
2 health is a small price and would have many more greater  
3 dividend and go a lot longer way and the trust that we  
4 need within this community.

5 Thank you.

6 MR. FORMAN: Thank you, Dr. Tompkins.  
7 Appreciate it.

8 DR. RAO: Hi. There was one point that I  
9 forgot to mention last time.

10 MR. FORMAN: Mr. Rao, is this your second bite  
11 of the apple?

12 DR. RAO: The last — Yeah, my last. Thank  
13 you.

14 **COMMENT**

15 BY DR. RAO:

16 I'm glad that we are here on July 8th, you  
17 know, at the public comment for the TMSRA. And in a way  
18 I felt that — as far as the original ROD in 1997 in  
19 terms of not being able to factor in the radionuclides,  
20 I felt that when we actually have the final plan, the  
21 final — the new amended ROD, I think it will help the  
22 community to have from the regulators — and I really  
23 appreciate Mark and Erich and Tom being here in spite of  
24 it being 9:25 — I think it will help the community to  
25 understand that, because like Espanola Jackson said,

there were — there was data, but there was no hazard risk assessment at that time, and it was only done comprehensively 2002 and 2004. But there was enough information that was compiled together to put this HRA together.

So in some ways, I feel that in order for the community to feel confident about how we're moving ahead in this amended ROD, it will be good to get from the regulators that here is how we are — put into place QA procedures, or this is how we are doing our due diligence to ensure that we won't have surprises or — five, ten years down the line or that we won't have to do another amended ROD or some other process down the line.

So I think it will — it will give some credibility to this process to have their assurance from the regulators. I know it's hard, but I think that that would help. It might be trendsetting for the Navy, RAB here in Hunters Point Shipyard, but I think it will be good for the country as a whole.

So thank you.

MR. FORMAN: Thank you, sir. Appreciate it.

**COMMENT**

BY MS. ENEA:

Kristine Enea.

1           I had a request for in IR-18 that Blocks 1 and  
2 2 be considered separately and that Block 1 be cleaned  
3 to residential or mixed-use standards so that that  
4 entire block between Earl, Donahue, Hudson, and Innes  
5 can be used more actively than just open space.

6           And I also wanted to state for the record that  
7 the community is seeking to have the Hudson right-of-way  
8 opened for at least pedestrians and bicyclists. So I'd  
9 like to see cleanup along that alignment that allows for  
10 whatever grading or other roadway construction is  
11 required. If it's to be used as a commuter bike path,  
12 the grade, I think, can be no more than 5 percent. And  
13 so I just want to make sure that whatever cleanup is  
14 done will accommodate that potential future use.

15           MR. FORMAN: All right.

16           MS. ENEA: Thanks.

17           MR. FORMAN: Thank you very much.

18           Okay. This concludes the official public  
19 comment period, and thank you very much for attending  
20 tonight's meeting, especially those who are here at the  
21 end. Appreciate it.

22           Meeting is adjourned.

23           *(Off record at 9:30 p.m., 7/8/08.)*

24           —oOo—

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CERTIFICATE OF REPORTER

I, CHRISTINE M. NICCOLI, Certified Shorthand  
Reporter of the State of California, do hereby certify  
that the foregoing meeting was reported by me  
stenographically to the best of my ability at the time  
and place aforementioned.

IN WITNESS WHEREOF, I have hereunto set my hand  
this 9th day of August, 2008.

\_\_\_\_\_  
CHRISTINE M. NICCOLI, C.S.R. NO. 456

# Hunters Point Shipyard Parcel B Proposed Plan Public Meeting Sign In Sheet

| Name                      |                    | Street Address                           | City/State    | Zip   | Telephone                             |
|---------------------------|--------------------|------------------------------------------|---------------|-------|---------------------------------------|
| ERIC SMITH                | GREENWOOD          | 3490 20 <sup>th</sup> 3 <sup>rd</sup> FL | SF, CA        | 94110 | 415-308-2276                          |
| JACKIE LEANE              | U.S. EPA           | SAME                                     | SF.           |       | 415 972 3236<br>LANE JACKIE @ EPA.GOV |
| <del>Robert Calvert</del> | RESIDENT           | SAME                                     | SF.           | 94124 | 415-677-2726                          |
| FRANCISCO DA COSTA        | FRANCISCO DA COSTA | 6609 3 <sup>rd</sup> ST                  | SF            | 94129 | 415 822-9602                          |
| LARRY F. HATTIMORE        | DIST 6             | 2005 13 <sup>TH</sup> ST                 | SF            | 94103 | 415 305 3722                          |
| Dan Solberg               |                    | 950 M'Allister St.                       | SF            | 94115 | 415 596-5986                          |
| Sudeep Rao                | Deep-Solutions     | 1749 Quesada Ave,                        | SF            | 94124 | 650-996-6930                          |
| Carolyn Hunter            | Tetra Tech EMI     |                                          |               |       |                                       |
| Tim Mower                 | Tetra Tech EMI     |                                          |               |       |                                       |
| Espanola Jackson          | BK/NP              | 3231 Ingalls                             | S.F. Ca 94124 | 94124 | 467-0535                              |
| Connie Shahid             | LEJ                | 800 Innes Ave unit 11                    | SF. CA 941    | 94124 | 2826846                               |
| Pamela Calvert            | "                  | "                                        | "             | "     | "                                     |
| Nancy Abdel-Shaker        | "                  | "                                        | "             | "     | "                                     |
| Mul & Ablog               | LEJ                | "                                        | "             | "     | "                                     |

# Hunters Point Shipyard Parcel B Proposed Plan Public Meeting Sign In Sheet

| Name              | Representative | Street Address       | City/State | Zip   | Telephone    |
|-------------------|----------------|----------------------|------------|-------|--------------|
| Oscar James       |                | 160 Madison Ave      | S.F. Calif | 94125 | 415 822 3727 |
| Khalil AbuSh      |                |                      | Albion, CA |       |              |
| Melanie Sengupta  |                |                      | SF, CA     | 94109 |              |
| Tom Lynch         | DTSC           | 700 Henry Baskin, CA |            | 94710 |              |
| Sarah Penn        | Narr           |                      |            |       |              |
| REAT O'Leary      |                | 830 Teresita Blvd    | SF         | 94127 |              |
| Mike McGowan      | Arc Ecology    | 4634 Third St.       |            | 94120 |              |
| Kristine Enea     | RAB member     |                      |            |       |              |
| ROBERT PERKINS    | KRON 4         | 1001 VANNESS ST      | CA         |       |              |
| DAVID GAVRICH     | WSG/SFBR       | 100 GARGO WAY        | SF, CA     | 94124 |              |
| Leon Muhamad      | co-chair       |                      |            |       |              |
| Adela Hueso       |                | 609 Laskill          | SF CA      | 94124 |              |
| Octavio Solorzano |                | 11 L1                | CA         | 4     |              |
|                   |                |                      |            |       |              |

# Hunters Point Shipyard Parcel B Proposed Plan Public Meeting Sign In Sheet

| Name                 | Representative | Street Address                       | City/State    | Zip   | Telephone    |
|----------------------|----------------|--------------------------------------|---------------|-------|--------------|
| Christine Johnson    |                | 1303A Goldenview Ave                 | SF, CA        | 94130 | 415-830-2874 |
| Ken Kasper           |                | 6595 Divisadero Blvd                 | Pleasanton CA | 94566 |              |
| ERICH SIMON          | WATER BOARD    | 1515 Clay St, Suite 1400             | Oakland       | 94612 | 510 622 2355 |
| LARALE SHAW          | LET/REIDREAR   | 2151 JENNINGS ST                     | SF            | 94129 |              |
| By Tompkins          |                | 1029 Plymouth St                     | SF            | 94112 |              |
| Angelo P. King       |                | 1323 Evans                           | SF, CA        | 94124 |              |
| Christopher Muhammad |                | 5048 3rd St                          | S.F. CA       | 94124 |              |
| Cindy Brintemps      | Power          | 2011 Oakland 38 ave                  | Oakland CA    | 94601 | 415-602-5814 |
| ALETA M. BRYAN       | CAMKAL/IRAB    | 1485 Bayshore Blvd<br>Box 1500 SF CA | 94124         | 94124 | 415-468-3885 |
|                      |                |                                      |               |       |              |
|                      |                |                                      |               |       |              |
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# Hunters Point Shipyard Parcel B Proposed Plan Public Meeting Sign In Sheet

| Name             | Representatives                | Street Address  | City/State | Zip   | Telephone            |
|------------------|--------------------------------|-----------------|------------|-------|----------------------|
| Joc              | A Thomas                       | 8 Berthall Ave  | SF CA      | 94124 |                      |
| Sarah Phelan     | SFBG                           | 135 Mississippi | SF         | 94107 |                      |
| Michael Dennis   | MCD TRUCKING<br>Resident       |                 |            |       |                      |
| Amy Brownell     | SFDPH                          | you know        |            |       |                      |
| Arthur Feinstein | Sierra Club and<br>Arc Ecology | 590 Texas St    | SF         | 94107 |                      |
| R. Mason         | RAB                            |                 |            |       |                      |
| Mark Ruppert     | EPA                            |                 |            |       |                      |
| Tam/Fahel        | KTVU                           |                 |            |       |                      |
| Larry Frie       | WASTE SOLUTIONS<br>GROUP       | 100 CARBO WAY   | SF         | 94124 |                      |
| ERIN Hayward     | POWER                          | 32 7th St       | SF         | 94103 |                      |
| JARON BROWNE     | POWER                          | 32-7th St       | SF, CA     | 94103 | 415-864-8372<br>X309 |
|                  |                                |                 |            |       |                      |
|                  |                                |                 |            |       |                      |
|                  |                                |                 |            |       |                      |

# Hunters Point Shipyard Parcel B Proposed Plan Public Meeting Sign In Sheet

| Name            | Representative | Street Address  | City/State   | Zip   | Telephone         |
|-----------------|----------------|-----------------|--------------|-------|-------------------|
| Ray Lobato      |                | 728 Jamestown   | SF, CA       | 94124 | 415 606 7170      |
| Chris Lee       |                | 1854 No 120th   | Tuohle, CA   | 94107 | 801 558 0134      |
| Mark & Ann Ben  | GreenAction    | 1751 Divisadero | SF CA        | 94124 | 415 720 3139      |
| Niles Muhammad  |                | Bay View        | SF CA        | 94124 |                   |
| Jah Muhammad    |                | 3rd St.         | SF, CA       | 94124 |                   |
| Sam Ben         | Art Ecology    | on line         |              |       |                   |
| Alicia Schwartz | POWER          | 32 Hill St      | SF CA        | 94103 | 415 864 8312 x305 |
| De Janney Davis |                | 330 Clement St  | SF, CA 94103 | 94103 | 510 355 6080      |
|                 |                |                 |              |       |                   |
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## Hunters Point Shipyard Parcel B Proposed Plan Public Meeting Sign In Sheet

[illegible]

**NOTICE OF PROPOSED PLAN AND  
PUBLIC COMMENT PERIOD  
HUNTERS POINT SHIPYARD  
PARCEL B**

The U.S. Department of the Navy, in coordination with state and federal environmental regulatory agencies, invites the public to comment on its proposal to amend the Record of Decision (ROD) for Parcel B to select a modified remedy at Hunters Point Shipyard in San Francisco, California. The Proposed Plan provides a summary of investigations performed within Parcel B since the original ROD was issued in 1997, as well as the preferred cleanup alternatives for soil, groundwater, and structures.

**PUBLIC COMMENT PERIOD**

The Navy invites interested members of the public to review and comment on the Parcel B Proposed Plan during a 30-day Public Comment Period, from **June 28, 2008 to July 28, 2008**. Public comments must be submitted in writing and must be postmarked or e-mailed no later than **July 28, 2008**. Alternatively, members of the public are invited to attend a Public Meeting on July 8, 2008, from 6:30 p.m. to 8:00 p.m. Public comments to the Proposed Plan will also be accepted at this meeting. If you have any questions or wish to comment on this project, please contact Mr. Keith Forman, Base Realignment and Closure (BRAC) Environmental Coordinator, BRAC Program Management Office West, 1455 Frazee Road, Suite 900, San Diego, CA 92108-4310; Keith.s.forman@navy.mil; (619) 532-0913 phone; (415) 308-1458 cell phone; (619) 532-0995 fax.

**PUBLIC MEETING**

The Navy will host a Public Meeting to discuss the Proposed Plan, answer questions, and accept public comments:

Date: July 8, 2008  
Time: 6:30 p.m. to 8:00 p.m.

Location: Southeast Community Facility  
Commission Building  
Alex L. Pitcher Jr. Room  
1800 Oakdale Avenue  
San Francisco, CA 94124

**FOR MORE INFORMATION**

Copies of the Proposed Plan and other site documents are available for review at the two Information Repositories:

Anna E. Waden Bayview Library  
5075 Third Street  
San Francisco, CA 94124  
(415) 355-5757

San Francisco Main Library  
100 Larkin Street  
Government Information Center  
5th Floor  
San Francisco, CA 94102  
(415) 557-4500



**The David Group**  
216-687-1481

**Media Order:** 313029  
**Size:** 4" x 5"  
**Publication:** San Francisco Bay View  
**Section:** Main News/Far Forward  
**Notes to Pub:**

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PUBLIC COMMENT PERIOD  
HUNTERS POINT SHIPYARD  
PARCEL B**

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**The David Group**  
216-687-1481

**Media Order:** 313028  
**Size:** 3.8" x 5"  
**Publication:** San Francisco Examiner  
**Section:** Main News/Far Forward  
**Notes to Pub:**

**ATTACHMENT C**  
**RESPONSIVENESS SUMMARY**

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## ATTACHMENT C RESPONSIVENESS SUMMARY

| Amended Proposed Plan for Parcel B, Hunters Point Shipyard                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spoken Comments by Sudeep Rao received at the public meeting held July 8, 2008 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Comment Number                                                                 | Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1                                                                              | <p>How do the regulatory agencies assess community input and how are the criteria in the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) weighted? Community input is at the bottom of the list of nine criteria.</p> <p>[Refer to the transcript of the public meeting beginning on page 106 for the complete comment.]</p>                                                                                                                                     | <p>The Navy uses the nine criteria in the NCP to evaluate remedial alternatives. The first two criteria (protection of human health and the environment and compliance with applicable laws) are threshold requirements that all alternatives must meet to be selected. The next five criteria are called primary balancing criteria and are equally weighted in the evaluation. These five criteria include (1) long-term protectiveness, (2) reduction of toxicity, mobility, and volume through treatment, (3) short-term effectiveness, (4) implementability, and (5) cost. These criteria are the primary factors used to weigh the advantages and disadvantages of the alternatives and to select the preferred alternative. The remaining two criteria are called modifying criteria and they include (1) state acceptance and (2) community acceptance. Feedback from the state regulatory agencies and the community is used to modify the proposed remedial actions. These two criteria are addressed later in the evaluation process because input from the state and community is not complete until after the public comment period on the proposed plan.</p> <p>EPA's guidance on this issue includes: "Although community acceptance is not addressed as early as the primary balancing factors, which serve as the principal basis for determining the preferred alternative, it nonetheless is an important factor in EPA's final remedy selection decision." (55 Federal Register 46, p. 8730)</p> |
| 2                                                                              | <p>Table 11 on page 13 of the revised proposed plan does not mention any injection of chemicals for heavy metal immobilization. So that means we are not factoring in the costs? Costs will be included in the analysis after future groundwater tests are taken into account? My assumption is that current groundwater data do not necessitate any mobilization of metals.</p> <p>[Refer to the transcript of the public meeting beginning on page 107 for the complete comment.]</p> | <p>With the exception of mercury at Installation Restoration (IR) Site 26, data collected in 2008 do not indicate the need to inject chemicals to immobilize metals in groundwater. Removal of mercury source material at IR-26 is planned as a time-critical removal action. The Navy believes that this removal will eliminate the source of mercury to groundwater and that injection of chemicals to immobilize mercury will not be necessary as a result. Some wells where metals were of concern were destroyed by excavations during the remedial actions from 1999 to 2001 and new wells will need to be installed and sampled to evaluate the need to immobilize metals at those locations. Costs for injection of chemicals to immobilize metals were not included on Table 11 of the proposed plan because injection is considered only as a contingency measure.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Amended Proposed Plan for Parcel B, Hunters Point Shipyard                     |                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spoken Comments by Sudeep Rao received at the public meeting held July 8, 2008 |                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Comment Number                                                                 | Comment                                                                                                                                                                                                                                                                                                                                           | Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3                                                                              | <p>Table 12 of the revised proposed plan shows Alternatives R-2 and R-3 differ only in long-term effectiveness and implementability. Why is R-3 better than R-2 for these two criteria?</p> <p>[Refer to the transcript of the public meeting beginning on page 107 for the complete comment.]</p>                                                | <p>The only difference between Alternatives R-2 and R-3 relates to how the pump pit beneath Building 140 is addressed. Alternative R-2 would leave the pump pit as it is and control exposure by limiting access to the pit. Alternative R-3 would close the pump pit in place with backfilled stone and a concrete cap. Surveys of the pump pit have shown that it qualifies for unrestricted closure and filling the pit is unnecessary. Consequently, the Navy has revised its selection of the remedy for radionuclides to Alternative R-2. Alternatives R-2 and R-3 are not substantially different in terms of long-term effectiveness or implementability. Alternative R-2 is slightly less expensive.</p> |
| 4                                                                              | <p>The original 1997 Record of Decision (ROD) did not account for radionuclides. What activities will the regulatory agencies undertake to minimize the chance for future uncertainties that might cause another amendment to the ROD?</p> <p>[Refer to the transcript of the public meeting beginning on page 124 for the complete comment.]</p> | <p>The Navy and the regulatory agencies are working to ensure the amended ROD for Parcel B will be as complete and comprehensive as possible. The protectiveness of the remedy will be evaluated at least every 5 years to ensure it remains protective. These 5-year reviews are required by law and will include any new information that may become available in the future.</p>                                                                                                                                                                                                                                                                                                                               |



| <b>Amended Proposed Plan for Parcel B, Hunters Point Shipyard</b>                     |                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Spoken Comment by Oscar James received at the public meeting held July 8, 2008</b> |                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Comment Number</b>                                                                 | <b>Comment</b>                                                                                                                                                                                      | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                                                                     | <p>We want this shipyard 100 percent clean. We want nothing less than 100 percent clean.</p> <p>[Refer to the transcript of the public meeting beginning on page 108 for the complete comment.]</p> | <p>The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the federal and state regulatory agencies. The remedies proposed in the Parcel B proposed plan, and detailed in this amended ROD, address all contamination at Parcel B that resulted from past Navy activities. After all the proposed actions are conducted and operation and maintenance and institutional controls (IC) are implemented, the actions proposed will be protective of human health.</p> |

| <b>Spoken Comments by Espanola Jackson received at the public meeting held July 8, 2008</b> |                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment Number</b>                                                                       | <b>Comment</b>                                                                                                                                                                                                                                                      | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1                                                                                           | <p>I feel, like the speaker before me, we are not going to accept any less than that total shipyard to be clean to residential standards.</p> <p>[Refer to the transcript of the public meeting beginning on page 109 for the complete comment.]</p>                | <p>The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the federal and state regulatory agencies. Cleanup goals consider the expected future land use so not all areas will be remediated to residential levels. For example, areas that will become open space will be remediated to standards that consider recreational use. Nevertheless, all of Parcel B will be covered to protect all users from exposure to surface soil.</p> |
| 2                                                                                           | <p>Weren't other parcels contaminated by dust blowing from Parcel A during construction there?</p> <p>[Refer to the transcript of the public meeting beginning on page 111 for the complete comment.]</p>                                                           | <p>Parcel A did not contain any spills or releases from Navy activities. Dust from Parcel A did not contaminate other parcels. Any dust from Parcel A would be expected to contain the same naturally occurring minerals as on all the parcels (as well as in much of the San Francisco area). Some of those minerals may pose risk to people and the remedy at Parcel B includes covers to protect people from exposure to them.</p>                                                                |
| 3                                                                                           | <p>Don't fast-track the cleanup of Parcel B; take your time. For example, recognition and understanding of radiation at Parcel B took a number of years.</p> <p>[Refer to the transcript of the public meeting beginning on page 111 for the complete comment.]</p> | <p>The Navy works together with the regulatory agencies during each step to complete the remediation of Parcel B according to all applicable laws to protect human health and the environment. The Navy develops schedules for remediation in coordination with both the regulatory agencies and the public (through the Restoration Advisory Board [RAB]). The schedule for transfer of Parcel B will not affect the completeness or effectiveness of the remediation.</p>                          |

| Amended Proposed Plan for Parcel B, Hunters Point Shipyard                         |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spoken Comments by Pamela Calvert received at the public meeting held July 8, 2008 |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Comment Number                                                                     | Comment                                                                                                                                                                                                                                                                                                                                                                                                                 | Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1                                                                                  | <p>I'd like to enter into the comments the suggestion that the risk assessment and the ROD take into account a major seismic event, the impact of that on the capping and the control of the contaminants in place.</p> <p>[Refer to the transcript of the public meeting beginning on page 113 for the complete comment.]</p>                                                                                          | <p>The remedy components (for example, covers) at Parcel B will be designed to withstand earthquakes in accordance with California state laws (California Code of Regulations Title 22 Section 66264.310[a][5]). In addition, the operation and maintenance plans for the covers will include provisions for repairs to follow an earthquake, also in accordance with state law (California Code of Regulations Title 22 Section 66264.310[b][1]).</p>                                                                                                                                                                                                                        |
| 2                                                                                  | <p>The human health risk assessment (HHRA) should consider a resident who works at an industrial site on the base and then goes out to recreate on site and also lives there.</p> <p>[Refer to the transcript of the public meeting beginning on page 113 for the complete comment.]</p>                                                                                                                                | <p>The HHRA for Parcel B evaluated health risks separately for residents, industrial workers, and recreational users. The HHRA did not specifically evaluate a resident who lives, works, and recreates at the site. However, the residential risk evaluation is protective of a resident who also works and recreates at the site because the residential evaluation assumes continuous exposure, 24 hours a day, 350 days a year, for 30 years.</p> <p>After all the proposed actions are conducted and operation and maintenance and ICs are implemented, the actions proposed will be protective of human health and the environment and meet all cleanup objectives.</p> |
| 3                                                                                  | <p>Solving problems for Bayview—Hunters Point shouldn't involve creating problems for other people's communities. I would like to see a cradle-to-grave analysis of what's being taken from here, put somewhere else, and then what? I would like to see that taken into account in the analysis in the ROD.</p> <p>[Refer to the transcript of the public meeting beginning on page 114 for the complete comment.]</p> | <p>Some wastes removed from Parcel B must be disposed of at facilities that are not located in California because adequate facilities do not exist in the state. For instance, the State of California does not allow disposal of low-level radioactive waste within the boundaries of the state. Therefore, all waste containing radioactive material must be disposed of elsewhere.</p>                                                                                                                                                                                                                                                                                     |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Spoken Comments by Francisco DaCosta received at the public meeting held July 8, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | <p>At one time on Hunters Point, there were shell mounds of the Muwekma Ohlone which were demolished during construction of the shipyard. All of the shipyard should be archaeologically surveyed.</p> <p>[Refer to the transcript of the public meeting beginning on page 115 for the complete comment.]</p> | <p>Remedial actions at Parcel B will follow all applicable laws related to archaeological sites that may be present.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2                     | <p>Radiological elements that are on the shipyard have to be removed.</p> <p>[Refer to the transcript of the public meeting beginning on page 116 for the complete comment.]</p>                                                                                                                              | <p>The preferred alternative for remediation of radionuclides uses removal and off-site disposal to the maximum extent practicable. However, some areas will be addressed by covers (IR Sites 7 and 18).</p> <p>IR Sites 7 and 18 include a large area (about 13 acres) of fill that is also very deep (approximately 45 feet in some locations). This area has a potential for radioactive contamination according to the Hunters Point Historical Radiological Assessment (HRA). Identification of buried radionuclides through subsurface testing would be very difficult, and, if radioactivity is present, it would be very limited and not spread throughout the sites. The excavation of the entire area of fill would also be very difficult because of the presence of groundwater. Upon evaluation of these factors, the Navy proposed that removal would not be the preferred alternative for IR Sites 7 and 18. After considerable review by the Navy and regulatory agencies, it was proposed that a radiological surface scan of IR Sites 7 and 18 with removal of any contamination in the top 12 inches followed by a 1-foot-thick layer of clean soil, a demarcation layer, and a 2-foot-thick soil cover will effectively prevent exposure to any radionuclides that may be present in the subsurface soil. Additionally, it was proposed that institutional controls will be placed, inspected, and enforced for IR Sites 7 and 18 to ensure the continued integrity of the covers and allow proper control of any activities that would penetrate the cover.</p> <p>Removal of potential radionuclides in the pump pit beneath Building 140 is not necessary because surveys of the pump pit indicate it can be released for unrestricted closure.</p> |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Spoken Comments by Francisco DaCosta received at the public meeting held July 8, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                              | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3                     | <p>Areas of Parcel B which are prone to liquefaction and rising sea level should be taken into an account.</p> <p>[Refer to the transcript of the public meeting beginning on page 117 for the complete comment.]</p>                                                                                                       | <p>The remedy components (for example, covers) at Parcel B will be designed to withstand earthquakes in accordance with California state laws. Likewise, the designs will consider the potential for rising sea level. For example, the top of the shoreline revetment will be sufficiently above sea level (about 13 to 15 feet) to account for a potential future rise in sea level.</p> <p>In addition, changes in site conditions, such as a rise in sea level, will be addressed during future 5-year reviews which address changes in site conditions and recommend modifications to the remedy if necessary to protect human health and the environment.</p> |
| 4                     | <p>It is a request of the Muwekma Ohlone tribe to do whatever is right on behalf of the people to clean up the entire shipyard to residential standards according to Proposition P that passed in the year 2000.</p> <p>[Refer to the transcript of the public meeting beginning on page 118 for the complete comment.]</p> | <p>The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the regulatory agencies. Cleanup goals consider the expected future land use so not all areas will be remediated to residential levels. For example, areas that will become open space will be remediated to standards that consider recreational use. Nevertheless, all of Parcel B will be covered to protect all users from exposure to the surface soil.</p>                                                                                                                                                                              |

**Spoken Comment by Adela Andrea Flores Bolanos received at the public meeting held July 8, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                       | <b>Response</b>                                                                                                                                                                                                                                                                                                                             |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | <p>I would like the Navy to do a hundred percent cleanup. I don't want a cap or anything like that. Now is the time to do the right thing, clean everything up, take everything that is hazardous to human health away from the shipyard.</p> <p>[Refer to the transcript of the public meeting beginning on page 118 for the complete comment.]</p> | <p>The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the regulatory agencies. All of Parcel B will be covered to protect all users from exposure to the soil regardless of the future use. Covers are an effective way to eliminate exposure and protect human health.</p> |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Spoken Comments by Octavio Guillermo Solorzano received at the public meeting held July 8, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                            | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | <p>What will be the proper precautions that will be taken to make sure that everybody's health stays normal or it gets better?</p> <p>[Refer to the transcript of the public meeting beginning on page 120 for the complete comment.]</p> | <p>The overall goal of the remedial action at Parcel B is to protect human health. All components of the remedy are designed for that purpose. Appropriate engineering measures (for example, dust control) will be used during remediation to limit risks to site workers and the surrounding Bayview Hunters Point community. After the remedy is in place, operation and maintenance requirements will ensure it is maintained properly. In addition, land use controls will be imposed to limit or prohibit activities that might pose risk to future residents or the surrounding community. For example, use of groundwater will be prohibited.</p> <p>However, the protectiveness of the remedy will be evaluated at least every 5 years to ensure it remains protective. These 5-year reviews are required by law and will include any new information that may become available in the future.</p> |
| 2                     | <p>I don't want the Navy to put caps or covers. Just 100 percent cleanup.</p> <p>[Refer to the transcript of the public meeting beginning on page 120 for the complete comment.]</p>                                                      | <p>The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the regulatory agencies. All of Parcel B will be covered to protect all users from exposure to the soil regardless of the future use. Covers are an effective way to eliminate exposure and protect human health.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Spoken Comment by Raymond Tompkins received at the public meeting held July 8, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | <p>I understand from the presentation that we're using a medical model that only takes into account a 35-year-old white male and does not deal with women or subset populations or at-risk populations. In Bayview we have a disproportionately high-risk population and this population should be considered in the risk assessment.</p> <p>[Refer to the transcript of the public meeting beginning on page 121 for the complete comment.]</p> | <p>The Navy recognizes that some individuals are more sensitive to chemical exposures and this adds uncertainty to the risk assessment. The HHRA was not based solely on exposure to a 35-year-old white male. The HHRA for Parcel B used conservative exposure assumptions so that risk estimates were protective of sensitive populations (children, for example). The HHRA combined multiple conservative assumptions so that the resulting risk estimates over-predict cancer risks and noncancer hazards.</p> <p>For example, residents were assumed to be continually exposed 24 hours per day, 350 days per year, for 30 years to evaluate health risks for residential exposures. Likewise, workers were assumed to be continually exposed 8 hours per day, 250 days per year, for 25 years for industrial exposures.</p> <p>In a few cases, specific toxicity studies and data were available that address sensitive populations. For example, the risk assessment of health effects from exposure to lead was protective of children and nursing women. Also, health risks were assessed separately for children, since exposure is greater for children than adults, relative to body weight. Data for sensitive populations were incorporated in the HHRA for Parcel B when available.</p> |
| 2                     | <p>The Navy should require a system of accountability for the citizens to know who to call and to have oversight similar to the RAB for public participation.</p> <p>[Refer to the transcript of the public meeting beginning on page 122 for the complete comment.]</p>                                                                                                                                                                         | <p>The Navy maintains active contact with the public through the RAB and through direct contact by telephone, email, facsimile, and regular mail. The RAB will remain in place as long as the Navy owns the property at Hunters Point. The RAB would be discontinued after the Navy's ownership ends. However, Navy staff would still be available by the same direct contact methods. Other oversight mechanisms available include the Community Advisory Committee provided through the San Francisco Redevelopment Agency. In addition, citizens can contact local elected officials and regulatory agencies to express any concerns about oversight.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Spoken Comment by Kristine Enea received at the public meeting held July 8, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| 1                     | <p>I had a request for IR-18 that Blocks 1 and 2 be considered separately and that Block 1 be cleaned to residential or mixed-use standards so that that entire block between Earl, Donahue, Hudson, and Innes can be used more actively than just open space. And I also wanted to state for the record that the community is seeking to have the Hudson right-of-way opened for at least pedestrians and bicyclists. So I'd like to see cleanup along that alignment that allows for whatever grading or other roadway construction is required. If it's to be used as a commuter bike path, the grade, I think, can be no more than 5 percent. And so I just want to make sure that whatever cleanup is done will accommodate that potential future use.</p> <p>[Refer to the transcript of the public meeting beginning on page 125 for the complete comment.]</p> | <p>The Navy will conduct remedial actions that are consistent with the proposed reuse areas which are detailed in the City of San Francisco's 1997 Redevelopment Plan. The remedial action objectives for Redevelopment Blocks 1 and 2 are the same because both consider reuses that are evaluated under a residential scenario (mixed use and research and development). The Navy cannot assume other reuses until a new plan is issued. The City and County of San Francisco has reviewed the draft land use restrictions and has indicated that it is generally willing to support them subject to a few clarifications regarding areas requiring institutional controls that are currently under discussion and are addressed elsewhere.</p> <p>However, the remedy for soil at Redevelopment Blocks 1 and 2 includes a soil cover. The presence of the cover should not deter use of the area by pedestrians or bicyclists. Future documents will describe the requirements for digging into the cover (for example, if grading is needed to change the surface slope).</p> |

**Written Comment by Tanya Joyce received July 8, 2008 at public meeting**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Response</b>                                                                        |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1                     | <p>I am an artist with a studio in Hunters Point Shipyard. Mixed use is vital for the shipyard, for southeast San Francisco, and for the city as a whole. Retaining genuinely affordable artists' studios is vital to San Francisco's economy. Retaining open space linked to the Bay Trail is vital for our regional and local environments.</p> <p>Studies have shown that arts-related activity provides 13 percent of San Francisco's revenue. Studies have also shown that the city desperately needs low-income housing and increased job opportunities to remain financially robust for residents and visitors alike. Keep studios and open space in the yard!</p> | <p>The planned reuse for Parcel B includes mixed uses as well as open space areas.</p> |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by City and County of San Francisco received July 25, 2008 by email**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| 1                     | <p>Figure 7 which shows the boundaries of the ARIC [area requiring institutional controls] for IR-07/18 and the related text in Overview of Proposed Institutional Controls, specifically the “Proposed Land Use Restrictions for IR Sites 7 and 18”, imply that the entire area of IR-07/18 will need the proposed radiological restrictions. The extent of proposed restriction is not supported by the historical information. The boundaries of IR-07/18 were originally drawn because of historical uses (including a paint shop) unrelated to suspected radiological contamination. The suspicions about radiological contamination in the area were not identified until the publication of the HRA – long after the IR-07/18 boundary had been drawn. It was convenient to refer to the whole area when discussing the radiological concerns because detailed research had not been performed to identify the area within IR-07/18 that actually contained possible radiological contamination – which may or may not exist. The Navy has since performed research into the extent of the debris fill in the IR-07/18 area. The debris fill may contain possible radiological contamination, but the Navy’s research indicates that the fill does not extend all the way to the boundaries of the IR-07/18 area. We request that the Navy propose boundaries for the extent of the radiological restricted area that are limited to the areas supported by the historical information and not overly restrict land where it is not warranted. Specifically, we request that all references to the proposed radiological restriction in IR-07/18 be changed to “a portion of IR-07/18” and that a footnote should be added to Figure 7 that clearly states that the final boundaries will be decided as part of the Radiological Remedial Design (to be completed prior to transfer).</p> | <p>The HRA is the source document for the definition of areas that are radiologically impacted. The HRA considered all of IR Sites 7 and 18 to be radiologically impacted as the boundaries of the IR sites were consistent with the boundaries of the fill areas. To address various concerns of the regulatory agencies and the City and County of San Francisco, the Navy is reviewing the history of the Parcel B fill area to confirm the fill area boundaries that could be considered radiologically impacted. The Navy will provide the results of this review to the regulatory agencies to discuss the determination of the boundaries of radiologically impacted areas in comparison to the boundaries of the area requiring institutional controls (ARIC) at IR Sites 7 and 18.</p> |



**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by City and County of San Francisco received July 25, 2008 by email**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| 2                     | In the Overview of Proposed Institutional Controls, Proposed Activity Restrictions Relating to VOC vapors at Specific Locations within Parcel B, it states that "Initially, the ARIC includes all of Parcel B except Redevelopment Block 4" and Figure 7 illustrates this statement with a yellow highlight on the Parcel in every location except Redevelopment Block 4. We think this is a misrepresentation of the current state of knowledge about the ARIC for VOC vapors and unnecessarily restricts Parcel B. Our request is to phrase the restriction as "Initially, the ARIC will include all areas of the parcel with soil gas levels above the remediation goals" and to remove the yellow highlight from Figure 7. This sentence more accurately reflects the current state of knowledge about the ARIC for VOC vapors and describes where the ARIC will be required. The soil gas surveys will be performed in areas where past uses and data suggest possible concerns regarding soil gas and establishment of the soil gas remediation goals will be done in the future. However, based on the current knowledge of the site we are certain that there are many areas where no soil gas sampling will be required and there will be no requirement for an ARIC for VOCs. | The ARIC for vapor intrusion may be modified as remediation is completed or in response to further sampling and analysis that establishes that areas now in the ARIC do not pose unacceptable potential exposure risk to volatile organic compound (VOC) vapors. The initial ARIC is proposed to include the entire parcel (except Redevelopment Block 4) because existing data for soil gas are insufficient to further reduce the size of the ARIC. |
| 3                     | We understand that the design of the IR-07/18 engineering controls including the demarcation layer and depth of the clean fill will be finalized in the Radiological Remedial Design (to be completed prior to transfer). We will be closely reviewing these documents prior to transfer to verify that the type of demarcation layer and depth of clean fill will be robust enough to provide physical cues to anyone digging in the area that will prevent them from inadvertently digging below the demarcation layer. We are not concerned that there will be any undue health risk to accidental digging below the demarcation layer but we want to be certain that any accidental digging will trigger proper notifications as required and that the damage to the cover will be repaired.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | The Navy will coordinate with the city during preparation of the design of the cover at IR-07 and IR-18 to work out the details of the demarcation layer.                                                                                                                                                                                                                                                                                             |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by City and County of San Francisco received July 25, 2008 by email**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| 4                     | We appreciate that the Navy has revised the text of the proposed plan to discuss some of the remedy implementation plans in relation to reuse areas instead of redevelopment blocks. In future documents please continue to work toward the goal of dropping the use of the redevelopment blocks to describe areas of the parcel because land planning efforts are anticipating a change to the configuration of the blocks. | <p>The proposed plan was revised to reduce the use of and emphasis on redevelopment blocks to the extent possible. However, a means to clearly and unambiguously identify areas within Parcel B is still needed to explain the proposed remedial actions, and redevelopment blocks still serve that purpose. The Navy would appreciate communication from the city when changes to redevelopment blocks, and especially those changes that affect the reuse exposure, are identified.</p> <p>The Navy will work closely with the city to use the most current plans for land reuses at Parcel B. The Navy will continue to use redevelopment blocks, as necessary, in the amended ROD.</p>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5                     | We would like to point out for the record, that once the engineering controls and institutional controls are properly installed and maintained the current design of the proposed remedies will cut off pathways for: (a) contact with soil contaminants and (b) inhalation of indoor VOC vapors and this means that the entire property will be health protective for all types of uses.                                    | <p>The proposed remedial alternatives are specific to the reuse identified for each area. Future residents would be protected in areas currently identified for industrial or recreational reuse only by the consistent enforcement of the activity restrictions described by the proposed ICs. For example, the ARIC for vapor intrusion would need to be maintained in areas currently identified as open space (unless the ARIC could be modified by new data for soil gas, as discussed above in the response to comment 2). The Navy believes stating that the proposed remedy would result in an environment that would not pose health risks for future residents implies that future reuse would be unrestricted, and unrestricted use will not be the case. The following text was added to the proposed plan to note the general protectiveness of the planned revised remedy: <i>"After all the proposed actions are conducted and operation and maintenance and ICs are implemented, the actions proposed will be protective of human health and the environment and meet all cleanup objectives."</i></p> |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by Kristine Enea, India Basin Neighborhood Association, received by email on July 28, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| 1                     | We are concerned with the lack of testing beyond 12" from the surface for radiological contaminants in Sites IR-07 and IR-18. We would like further testing to be done on those sites.                                                                                                                                                                                                                                                                                                                                                | As IR Sites 7 and 18 constitute approximately 13 acres and radiological contamination, if present, would most likely consist of small pockets of contamination (approximately 1 to 2 feet in diameter), subsurface testing is not considered practical as it would be very expensive and the contamination could be easily missed. Surface scans will effectively and efficiently locate any radiological anomalies within the top 12 inches of soil. Any radiological contamination found during the scan will be excavated and disposed of at an off-site low-level radioactive waste disposal facility.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2                     | Our understanding is that the regulators in charge of assessing radiological risk have informed the Navy that the only avenue to an unrestricted transfer of IR-07 and IR-18 would be to excavate the soil in those areas down to the sea floor, and that this unrealistic requirement leaves no practical testing alternative beyond a surface screen.                                                                                                                                                                               | Navy's discussions with the regulatory agencies have indicated that unrestricted transfer is not an option for IR Sites 7 and 18.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 3                     | We would like to see systematic core testing for radioactive material in Sites IR-07 and IR-18, and a reasonable standard set for unrestricted transfer of those sites, to achieve the re-use plans the neighborhood is seeking, including mixed use construction on all of Block 1 of IR-18 and construction of a paved vehicle road along the Hudson right-of-way between Earl and Donohue, as well as more active use of the large percentage of those sites that has already been excavated and backfilled from four to ten feet. | As IR Sites 7 and 18 constitute approximately 13 acres and radiological contamination, if present, would most likely consist of small pockets of contamination (approximately 1 to 2 feet in diameter), subsurface testing is not considered practical as it would be very expensive and the contamination could be easily missed. Surface scans will effectively and efficiently locate any radiological anomalies in the top 12 inches of soil. Any radioactive contamination found will be excavated and disposed of at an off-site low-level radioactive waste disposal facility. A new 1-foot-thick layer of clean soil will be added to the surveyed soil surface. This will allow for 1 foot of radiologically cleared soil plus another 1 foot of clean soil under the 2-foot-thick soil cover remedy. This cover will allow for use of the surface of the area as a radiologically unrestricted area, providing the use does not penetrate the remedy. Complete unrestricted transfer of IR Sites 7 and 18 is not acceptable to the regulatory agencies. Use of IR Sites 7 and 18 for residences would be allowable only in accordance with the Covenant(s) to Restrict Use of the Property, Quitclaim Deed(s), and the Parcel B risk management plan. However, the proposed remedy for IR Sites 7 and 18 (covers) would accommodate a paved vehicle road. |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by Kristine Enea, India Basin Neighborhood Association, received by email on July 28, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4                     | A more realistic cleanup standard for Sites IR-07 and IR-18 will benefit the community beyond enabling our desired re-uses. We want to feel safe in our neighborhood. If a reasonable amount of testing is done and no rad material is found, then in combination with the rad screens that were already performed on some of the excavated soil as it was being trucked out, the additional surface scans, and the large percentage of clean backfill already in place, we would have a large degree of confidence that we are not burying dangerous radioactive material underneath the proposed cap. | As IR Sites 7 and 18 constitute approximately 13 acres and radiological contamination, if present, would most likely consist of small pockets of contamination (approximately 1 to 2 feet in diameter), subsurface testing is not considered practical as it would be very expensive and the contamination could be easily missed. Covers at IR Sites 7 and 18 will effectively mitigate exposure to any radionuclides that may be present at depth within the original fill materials. Institutional controls will be placed, inspected, and enforced to ensure the continued integrity of the covers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5                     | If necessary in light of a potential early transfer of Parcel B, we would like Sites IR-07 and IR-18 to be carved out and considered for transfer separately. We also request a more fine-grained division of those IR parcels in order to develop institutional controls that more accurately reflect the excavation work that has already been completed.                                                                                                                                                                                                                                             | Subdivision of IR Sites 7 and 18 would not change the status of any of the area as radiologically impacted nor would it change the necessary ICs. The Hunters Point HRA is the source document for the definition of areas that are radiologically impacted. The HRA considered all of IR Sites 7 and 18 to be radiologically impacted as the boundaries of the IR sites were consistent with the boundaries of the fill areas. To address various concerns of the regulatory agencies and the City and County of San Francisco, the Navy reviewed the history of the Parcel B fill area to confirm the fill area boundaries that could be considered radiologically impacted. The Navy provided the results of this review to the regulatory agencies in a letter dated November 7, 2008 that discussed the determination of the boundaries of radiologically impacted areas that will be used to identify the boundaries of the area requiring institutional controls (ARIC) at IR Sites 7 and 18. Additionally, as the previous excavations at IR Sites 7 and 18 have not removed all the fill to its full depth, it is not practical to limit the ARIC based on those excavations. |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comment by Lee Geeter received by mail on July 29, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                         | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | My comment is more in the form of a question. I am concerned about the safety of the proposed development. My concern is about the time line the Lennar Corp. is proposing to use on the Hunters Point development. I am asking, how can the development be safe by "capping" in 2 years when a total cleaning will take 4 or maybe 5? | <p>The Navy works together with the regulatory agencies during each step to complete the remediation of Parcel B according to all applicable laws to protect human health and the environment. The Navy develops schedules for remediation in coordination with both the regulatory agencies and the public (through the RAB). The schedule for transfer of Parcel B will not affect the completeness or effectiveness of the remediation.</p> <p>The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the regulatory agencies. All of Parcel B will be covered to protect all users from exposure to the soil regardless of the future use. Covers are an effective way to eliminate exposure and protect human health.</p> |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by J.V. McCarthy received by email on July 31, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction          | If the "Proposed Plan"- "Revised"- for Hunters Point Shipyard is expected to meet CERCLA 120 (h)(3)(C), this seems doubtful where out of compliance at time of proposed transfer. If restrictions specified by the "...Covenants to Restrict Use of Property..." apply as condition of transfer, the proposed construction related "covers" can only be certified in place after transfer. Transfer restriction site "covers" are furthermore in compromise by installation of foundation support piers, which require a deep penetration under "covers." | If the property in Parcel B is conveyed as an "early transfer" subject to the requirements of Section 120(h)(3)(C) of CERCLA, it is anticipated that the transferee will be responsible for constructing covers after transfer with the exception of IR Sites 7 and 18 where the Navy will construct them. The covers will be constructed to meet all the requirements of the remedial design, and will be conducted under the oversight of the regulatory agencies regardless of whether they are constructed by the Navy or its transferee. The deed of transfer will contain any necessary interim land use restrictions required to protect covers following construction and comply with Section 120(h)(3)(C) of CERCLA.<br><br>Please see the response to Comment Number 1 below for a discussion of foundation support piers. |
| 1                     | Construction related "covers", as well as foundation support piers where required through bay mud and fill, are out of compliance with "... land disturbing activity..." restriction ("Restricted Activities", a.) where this occurs following transfer.                                                                                                                                                                                                                                                                                                  | Any construction-related covers or foundation support piers constructed after transfer will be constructed to be protective of human health and the environment, and will meet the requirements of the remedial design.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2                     | Construction related "alteration, disturbance, or removal..." is likely to be out of compliance where this may involve installation of public utilities for permanent structures, as required by construction activities which follow property transfer.                                                                                                                                                                                                                                                                                                  | Any breaching or alteration of the cover post-transfer will be conducted in compliance with the Covenant(s) to Restrict Use of the Property, Quitclaim Deed(s), and the Parcel B risk management plan, all of which will be reviewed and approved by the regulatory agencies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3                     | Incomplete discovery, or fluid migration, is an unspecified source of potentially irradiated soil vapors which could become trapped within a permanent structure, to become a source of future hazard exposure where earthquake damage occurs.                                                                                                                                                                                                                                                                                                            | The remedy components (for example, covers) at Parcel B will be designed to withstand earthquakes in accordance with California state laws (California Code of Regulations Title 22 Section 66264.310[a][5]). In addition, the operation and maintenance plans for the covers will include provisions for repairs to follow an earthquake, also in accordance with state law (California Code of Regulations Title 22 Section 66264.310[b][1]).                                                                                                                                                                                                                                                                                                                                                                                      |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by J.V. McCarthy received by email on July 31, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                 | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4                     | Other vapors, such as mercury or methane, could be a source of future exposure which by impact from a radiation source could further complicate subsurface toxicologies available for any "cover" breaching.                                   | Remedies are proposed for the methane and mercury sources in the Revised Proposed Plan. These remedies will address the risk to human health and the environment from these sources. Further, time-critical removal actions (TCRA) are being conducted to address these sources. The use of TCRAs allows the Navy to get an early start on cleanup of these newly identified sources. Although the TCRAs may not be completed by the time the amended ROD is signed, the Navy anticipates that the TCRAs will meet the cleanup objectives described in the proposed plan. After the TCRAs are completed, the Navy will evaluate the need for additional response actions. |
| 5                     | Consequences from potential long-term exposure of foundation piers to any unspecified radioactivity, in combination with other chemistry, not only puts any construction at structural risk but introduces risk of "cover" breaching exposure. | IR Sites 7 and 18 are the only areas on Parcel B that may be transferred with potential radioactive contamination in place below protective covers and it is anticipated that foundation piers will not be require there. Additionally, institutional controls will be placed, inspected, and enforced for IR Sites 7 and 18 to ensure the continued integrity of the protective covers and allow proper control of any activities that would penetrate the cover.                                                                                                                                                                                                        |
| 6                     | The basic issues cited for "Parcel G", per notice to Congresswoman N. Pelosi and Supervisor A. Peskin also apply to Covenant Restriction for "Parcel B" (refer to the following page with items # 1.- 10.)                                     | The Navy does not have a copy of this notice and cannot respond. However, the Navy team is aware of and is ensuring that there is consistency between land use restrictions being considered and developed for the different parcels.                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by J.V. McCarthy received by email on July 31, 2008**

| <b>Comment Number</b>      | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Response</b>                                                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction to items 1-10 | How inappropriate is a linking of "Candlestick Park" development with Hunter's Point Shipyard reuse? If "Parcel 49" of the former Hunter's Point Shipyard is to be considered fit for new stadium construction, the potential liability is worth more than a passing glance. A deferral or covenant agreement required as the waiver to federal conditions of the city's exclusive discretion, to federal conditions in transfer, is specified from CERCLA 120 h(3)(C). This is because the environmental remediation is not without conditions. No matter what the political priorities, the land speculation, or the wishful thinking, parcel areas requiring this kind of covenant agreement will remain so for good reasons (refer to CLEAN II, Department of the Navy, 09/04/98, HPS). "Parcel 49" is not exempt. The local SF CUPA or HAZMAT agency, the involved state agencies, and the title insurance people will all have serious obligations and concerns to be maintained. | A new San Francisco 49ers stadium had been proposed for Parcel G (formerly Parcel 49). This ROD is for Parcel B. Therefore, this comment will be forwarded to the Navy Remedial Project Manager (RPM) for consideration in the Parcel G remedy selection process. The draft Parcel G ROD is scheduled for submittal on August 29, 2008. |
| Item 1                     | Subparcels S-28, S-29, S-38, and S-39 are co-located where "Parcel 49", formerly in Parcel D, has been proposed. All are cited for sandblast waste and radioactive materials, at least some of which are likely to have been left from "Operation Crossroads" (1946-1947, see "Historical Radiological Assessment", 2004).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | This is the Responsiveness Summary for Parcel B, not D; therefore, this comment will be forwarded to the Navy RPM for consideration in the Parcel G remedy selection process. The draft Parcel G ROD is scheduled for submittal on August 29, 2008.                                                                                     |



**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by J.V. McCarthy received by email on July 31, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Item 2                | It is unlikely that the maximum extent of excavation in the foreseeable future, as sponsored by the Navy, will go any farther than the inconclusive excavation, to be capped, for IR-07 and IR-18 of Parcel B where the radiation at depth will go unresolved. Consider the implications in D for S-28, S-29, S-38, and S-39. | <p>IR Sites 7 and 18 include a large area (about 13 acres) of fill that is also very deep (approximately 45 feet in some locations). This area has a potential for radioactive contamination according to the Hunters Point HRA. Identification of buried radionuclides through subsurface testing would be very difficult, and if radioactivity is present it would be very limited and not spread throughout the sites. The excavation of the entire area of fill would also be very difficult because of presence of groundwater. Upon evaluation of these factors, the Navy proposed that removal would not be the preferred alternative for IR Sites 7 and 18. After considerable review by the Navy and regulatory agencies, it was proposed that a radiological surface scan of IR Sites 7 and 18 with removal of any contamination in the top 12 inches, followed by 1 foot of clean soil, followed by a 2-foot-thick soil cover will effectively prevent exposure to any radionuclides that may be present in the subsurface soil. Additionally, it was proposed that institutional controls will be placed, inspected, and enforced for IR Sites 7 and 18 to ensure the continued integrity of the covers and allow proper control of any activities that would penetrate the cover.</p> <p>Please also see the Responsiveness Summary in the Parcel G ROD, to be issued on August 29, 2008, for a discussion of Parcel D.</p> |
| Item 3                | The materials applied for support piers to penetrate landfill are likely to be what is planned for building foundation support, as under the cap required for "Parcel 49" remediation.                                                                                                                                        | Please see the Responsiveness Summary in the Parcel G ROD, to be issued on August 29, 2008.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Item 4                | The materials within Type II or Type V cement are likely to be sheathed in polyethylene, which could be degraded to penetration, seepage, and breaching by subsurface exposure to radiation, at depth over time.                                                                                                              | Materials used during remediation, including the cover material, will be selected during the remedial design phase of the project and will be constructed to be robust and persistent over time. However, the protectiveness of the remedy will be evaluated at least every 5 years to ensure it remains protective. These 5-year reviews are required by law and will include any new information that may become available in the future.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Item 5                | Where exposed, although the Type II cement is more flexible it is also more readily penetrated. Type V cement is more resistant, from greater density, although less flexible.                                                                                                                                                | Please see the response to Item 4 above.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                       | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item 6                | In considering the seismic safety prospects, on top of bay mud, would you care to insure or invest in this site if adequate information about all the unknown factors were available, which could be more?           | The remedy components (for example, covers) at Parcel B will be designed to withstand earthquakes in accordance with California state laws (California Code of Regulations Title 22 Section 66264.310[a][5]). In addition, the operation and maintenance plans for the covers will include provisions for repairs to follow an earthquake, also in accordance with state law (California Code of Regulations Title 22 Section 66264.310[b][1]).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Item 7                | Much of the suggested potential for discovery, at depth, ("Historical Radiological Assessment", 2004) is likely to be awaiting survey and investigation beyond transfer dates of parcels, from the Navy to the city. | IR Sites 7 and 18 include a large area (about 13 acres) of fill that is also very deep (approximately 45 feet in some locations). This area has a potential for radioactive contamination according to the Hunters Point HRA. Identification of buried radionuclides through subsurface testing would be very difficult, and if radioactivity is present it would be very limited and not spread throughout the sites. The excavation of the entire area of fill would also be very difficult because of presence of groundwater. Upon evaluation of these factors, the Navy proposed that removal would not be the preferred alternative for IR Sites 7 and 18. After considerable review by the Navy and regulatory agencies, it was proposed that a radiological surface scan of IR Sites 7 and 18 with removal of any contamination in the top 12 inches, followed by 1 foot of clean soil, followed by a 2-foot-thick soil cover will effectively prevent exposure to any radionuclides that may be present in the subsurface soil. Additionally, it was proposed that institutional controls will be placed, inspected, and enforced for IR Sites 7 and 18 to ensure the continued integrity of the covers and allow proper control of any activities that would penetrate the cover. |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by J.V. McCarthy received by email on July 31, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                  | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Item 8                | The gas seepage from landfills may or may not be chemically bonded to or as a contaminant, which could become an airborne source of contamination available across the shipyard and elsewhere as a contingency. | There are no landfills present on Parcel B. However, the area containing IR Sites 7 and 18 is a fill area with documented methane gas. A remedy is proposed for the methane source area in the Revised Proposed Plan. This remedy will address the risk to human health and the environment from this source. Further, a time-critical removal action (TCRA) is being conducted to address this source. The use of TCRAs allows the Navy to get an early start on cleanup of this source area. Although the TCRA may not be completed by the time the amended ROD is signed, the Navy anticipates that the TCRA will meet the cleanup objectives described in the proposed plan. After the TCRA is completed, the Navy will evaluate the need for additional response actions. |
| Item 9                | Geological survey is understood to be incomplete, at depth, and is likely to remain incomplete beyond transfer dates of parcels, from the Navy to the city.                                                     | For a discussion of IR Sites 7 and 18, please see the response to Item 7 above. Regarding the remainder of Parcel B, the Navy has conducted investigations, with regulatory oversight, at areas where past Navy activities may have impacted the parcel. Extensive remediation has been conducted, and more is planned, in these areas with the goal of reducing risk from past Navy contamination, and making the parcel safe for human health and the environment.                                                                                                                                                                                                                                                                                                           |
| Item 10               | Parcels transferred, such as Parcel A or subsequent transfers, could become a subject of future litigation resulting from covenant breach or prior cases.                                                       | The remedies proposed in the Parcel B proposed plan, and detailed in this amended ROD, address all contamination at Parcel B that resulted from past Navy activities. After all the proposed actions are conducted and operation and maintenance and ICs are implemented, the actions proposed will be protective of human health and the environment and comply with all requirements of CERCLA and the NCP.                                                                                                                                                                                                                                                                                                                                                                  |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by Michael F. McGowan, Arc Ecology, received by email on August 1, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| 1                     | The use of the term “cleanup” is unfortunate because it leads to expectations on the part of the public that contaminants will be removed from the site when, in fact, there are many alternative methods available for remediation of the site and a cover is the principal method proposed at Parcel B. Please change the wording in this and future documents to more accurately describe the process as remediation and more precisely describe the approach as excavation, chemical or biological treatment, or other method to achieve protection of human health and the environment. Alternatively, clearly define cleanup to mean a variety or combination of remediation methods and provide the definition conspicuously at the beginning of documents so the public is not surprised to learn that a cleanup proposed by the Navy is not what the public thinks a “cleanup” is.                       | The amended ROD was revised to use the term “remediation” instead of “cleanup.”                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2                     | Some of the proposed methods such as biological or chemical treatment are still in the experimental stage and may not be cost effective. This uncertainty in their efficacy, or even if they will be used, should be acknowledged in the plan and the alternative methods to accomplish remediation should be specified if, in fact biological or chemical in situ methods are not used.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Treatability studies using the proposed in situ biological and chemical treatment technologies have been conducted at or adjacent to Parcel B and shown to be effective.                                                                                                                                                                                                                                                                                                                                                                                       |
| 3                     | Presentation of risk in terms of different exposure scenarios dependent on proposed uses by redevelopment block is confusing because it seems to imply that areas other than residential would be left more contaminated and riskier than the areas designated for residential use. This opens the question, what if future development plans call for residences on the areas now designated industrial or open space? If the proposed remedies will render risks less than 1 in 1 million for cancer and a Hazard Index of less than or equal to 1 for other impacts over the entire parcel for a residential risk scenario, then the Proposed Plan should state this. If the remediation in some areas will not achieve residential exposure standards then this should be clearly stated, too, because the public has clearly expressed a desire for the shipyard to be “cleaned” to “residential standards.” | <p>The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the federal and state regulatory agencies. All of Parcel B will be covered to protect all users from exposure to surface soil regardless of future land use.</p> <p>After all the proposed actions are conducted and operation and maintenance and ICs are implemented, the actions proposed will be protective of human health, and areas proposed for reuse other than residential (e.g. recreational) will not present more risk.</p> |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

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| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4                     | The plan assumes a great deal of background information that was presented in Remedial Investigations, Feasibility Studies, Time Critical Removal Action Reports, Five Year Reviews, and others, but it only refers to them briefly in the section on the Administrative Record. Please provide an annotated bibliography of these and other key supporting documents to guide those who would like to review the administrative record but are not necessarily familiar with the relevant contents of CERCLA documents.                                                                               | Descriptions of past activities and background information are summarized in the amended ROD, as well as in the previous Technical Memorandum in Support of a ROD Amendment. Both documents are available at the information repositories for review by the public. A list of documents from the Administrative Record Index, pertinent to the remedy decision for Parcel B, will be included in the amended ROD as Attachment A.                                                                                                                       |
| 5                     | On page 9 the second Remedial Action Objective states that the lifetime cancer risk should not exceed the $10^{-6}$ to $10^{-4}$ range for future use scenarios. It is our understanding that at Hunters Point the risk must be $10^{-6}$ or lower. Please correct or clarify this risk range for radiologically impacted soil and structures.                                                                                                                                                                                                                                                         | The amended ROD was revised to remove the discussion of the risk range. The RAO for radionuclides was revised as follows. "Prevent exposure to radionuclides of concern in concentrations that exceed remediation goals (see Table 8-4) for the ingestion or inhalation pathways." The actual risk and dose will be calculated using the results of the final status surveys and these actual doses will be lower than the release limits which were used to model the exposure risk. In most cases, this results in a risk much lower than $10^{-6}$ . |
| 6                     | Long term effectiveness and permanence of the remediation should be evaluated for a time period of at least 100 years and should take into consideration likely changes in existing conditions such as a sea level rise of more than three feet over that period. The maps of 100 year flood plains are being revised and estimates of sea level rise as a result of global climate change get revised upwards whenever new data or better models are introduced. Please acknowledge that this was considered in evaluating remedial alternatives or that it will be addressed in the Remedial Design. | The remedy components at Parcel B will be designed to consider the potential for rising sea level. For example, the top of the shoreline revetment will be sufficiently above sea level (about 13 to 15 feet) to account for a potential future rise in sea level.<br><br>In addition, changes in site conditions, such as a rise in sea level, will be addressed during future 5-year reviews which address changes in site conditions and recommend modifications to the remedy if necessary to protect human health and the environment.             |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by Michael F. McGowan, Arc Ecology, received by email on August 1, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| 7                     | Children are more vulnerable to radiation in the soil than adults because, in part, their internal organs are only about one-third as far from the ground when standing and more likely to be right next to the ground when crawling or playing. Please confirm that the radiological risk calculations considered these differences that make children more sensitive receptors to radiation than adults.                                                                                                                                          | As documented in Appendix A of the Technical Memorandum in Support of a Record of Decision Amendment, Radiological Addendum, the radiological risk calculations were performed using the residual radioactivity (RESRAD) model (for soils) and RESRAD-BUILD (for buildings). The receptors considered were: resident (adult), resident (child), industrial worker, recreational (adult), recreational (child), and construction worker. The following pathways were evaluated for each of the receptors: external exposure, inhalation, ingestion, and drinking water.                                                                                                                                                                                                         |
| 8                     | Ecology-specific comments. Considering that Parcel B has a considerable shoreline on San Francisco Bay the treatment of ecological exposure to contaminants is very brief and incomplete and should be expanded and clarified.                                                                                                                                                                                                                                                                                                                      | Please refer to the responses below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8a                    | On page 6, "The SLERA concluded that ...chemicals in shoreline sediment including several metals, pesticides, and PCBs may pose risk to organisms that live along the shoreline." The alternatives only mention removal of lead, mercury, and organic chemicals. They do not include aluminum, copper, and zinc that are listed in Table 4 as chemicals of concern. Please explain how the environment will be protected from these and other chemicals of concern in addition to those specifically listed in the description of the alternatives. | The shoreline revetment will provide protection from all the chemicals in shoreline sediment that are of concern for ecological receptors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 8b                    | Page 8 Groundwater bullet 4 states that the Remedial Action Goal for groundwater is to prevent or minimize the migration to surface water of San Francisco Bay of chromium VI above 50 µg/L, copper above 28.04 µg/L, lead above 14.44 µg/L, and mercury above 0.6 µg/L. What is the basis for these values and why weren't they included in Table 5 or in a separate table of preliminary remediation goals for ecological receptors?                                                                                                              | The values for copper, lead, and mercury are based on the Hunters Point groundwater ambient levels for these chemicals. The value for chromium VI is based on the criterion in Table 3-3 of the Water Quality Control Plan for the San Francisco Bay Basin prepared by the San Francisco Bay Regional Water Quality Control Board. These values are applicable to surface water, not groundwater, and therefore were not included in Table 5. The need for remediation of groundwater to protect the beneficial uses of the bay, including ecological receptors, will be established based on the trigger level analysis that will be conducted during the remedial design. <a href="#">Section 7.3</a> of the amended ROD discusses the use of trigger levels in more detail. |

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| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| 8c                    | Page 7 states that "Ecological RAOs were developed only for soil and sediment in shoreline areas." Does this mean that ecological RAOs for soil and sediment were developed only for shoreline areas? What about ecological risks to songbirds or earthworms or other organisms away from the shoreline?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | RAOs were developed only for the shoreline area. The majority of Parcel B, approximately 75 percent, is covered by pavement and buildings. With little open space for flora and fauna, Parcel B is considered to have insignificant habitat value and poses an insignificant risk to terrestrial ecological receptors. Exposure pathways to terrestrial species are incomplete because of a lack of habitat and the predominance of paved areas at Parcel B.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 9                     | ARARS. Page 15 states that the significant potential ARARs listed in Attachment 1 will be met by the preferred alternatives. It is my understanding that an Applicable or Relevant and Appropriate Regulation is by definition significant and must be complied with by the remediation alternative. Please confirm that all ARARs will be complied with including those considered most significant that are listed in Attachment 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | All applicable or relevant and appropriate requirements (ARAR) will be met by the proposed remedial actions, including those listed on Attachment 1 of the proposed plan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10                    | The time period between the end of the comment period and the issuance of the Record of Decision seems very brief to fully respond to comments from the public. This is especially true considering that many comments are likely to be submitted near the end of the period and that weekend days and the need for any internal reviews by the Navy legal authorities substantially reduce the actual work days available to respond to comments. Furthermore, the revised (corrected) Proposed Plan was not released to the public until just before the public meeting in the middle of the nominal review period. Community acceptance is one of the nine CERCLA criteria for a remedial design so responses to community comments should be done thoroughly and completely, not rushed to meet a self-imposed timeline. Please respond to this concern for Parcel B, which already has a ROD that was developed over a longer time frame, and keep it in mind for other parcels such as D and G that have not had the same amount of time for the public to consider proposed cleanup alternatives. | <p>The Navy has considered and responded to all comments received during the public comment period on the Proposed Plan. The Navy works together with the regulatory agencies during each step to complete the cleanup of Parcel B according to all applicable laws to protect human health and the environment. The Navy develops schedules for cleanup in coordination with both the regulatory agencies and the public (through the RAB). The schedule for transfer of Parcel B will not affect the completeness or effectiveness of the cleanup.</p> <p>The changes made to between the Proposed Plan and the Revised Proposed plan were minor in nature and did not involve or affect the information that the Navy is relying upon to make its remedy selection decision. Specifically, Figure 4 was inadvertently omitted, Figure 5 was printed in place of Figure 4, and Figure 7 was duplicated as Figure 5.</p> |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comment by Robinette Williams received by mail on August 4, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | Long-term environmental impact on the community as a whole. What will happen to the / how will the contaminants in the shipyard be disposed of? Where will the waste be sent? | Waste soil and other materials excavated at Parcel B will be disposed of off site depending on the characteristics of the waste. Specific facilities to receive the waste will be selected by the construction contractors, with the approval of the regulatory agencies. During previous removal actions, landfills within California were used for disposal of nonradioactive materials. Some wastes removed from Parcel B must be disposed of at facilities that are not located in California because adequate facilities do not exist in the state. For instance, the State of California does not allow disposal of low-level radioactive waste within the boundaries of the state. Therefore, all waste containing radioactive material must be disposed of elsewhere. Low-level radioactive waste will be disposed of at the EnergySolutions Operations facility located in Clive, Utah. |



**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comment by Virgil Johnson received by mail on August 4, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                            | <b>Response</b>                                                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | <ul style="list-style-type: none"><li>• The cause of the asbestos (sic) to the people is horrible</li><li>• The radioactivity</li><li>• Cleanup needs to be taken care of carefully</li><li>• The pushout of the colored people being displaced</li></ul> | The Navy works together with the regulatory agencies during each step to complete the remediation of Parcel B according to all applicable laws to protect human health and the environment. The Navy develops schedules for remediation in coordination with both the regulatory agencies and the public (through the RAB). |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by People Organized to Win Employment Rights (POWER) received by mail on August 4, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | This letter is intended to provide written public comment for the Proposed Plan for Parcel B at Hunters Point Shipyard in San Francisco, California on behalf of People Organized to Win Employment Rights (POWER). POWER is a membership organization comprised, in part, of residents of the Bayview Hunters Point community.                                                                                                                                                                                                                                                                                                                                                                               | Comment acknowledged.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2                     | As an organization, we are concerned about the proposed plan by the Navy to address contamination in the soil, groundwater, and structures at Parcel B. In particular, we have specific concerns about the "preferred" alternative described as S-5: Excavation, Source Removals, Covers, SVE, Revetment, ICs.                                                                                                                                                                                                                                                                                                                                                                                                | Please refer to the responses below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3                     | The Navy's plan to transport excavated soil considered unsafe for human health and ecological receptors does not, in our opinion, meet the will of the voters of the City and County of San Francisco, nor to the residents and community members of Bayview Hunters Point. In general, our members support a remediation plan which includes, but is not limited to, full excavation of the contaminated soil and sediment, comprised of debris from construction materials and other contaminated substances. While it may be an expensive alternative, community members support a remediation plan that over the long term ensures a health existence for future residents on the Hunters Point Shipyard. | Excavation and off-site disposal was the remedy for soil selected in the 1997 ROD. However, the widespread presence of metals, especially arsenic and manganese, in the soil at Parcel B would require the removal of all the soil at the site to a depth of 10 feet below ground surface to reduce the potential risk to human health to an acceptable level. Continuation of the original 1997 remedy was considered in the Proposed Plan (refer to the alternative labeled "1997 ROD" in Table 10), but this option ranked poorly in all evaluation criteria in the comparative analysis. Soil covers, together with appropriate controls to protect their integrity, will provide a permanent and protective remedy for exposure to contaminants in soil at Parcel B. |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4                     | Our members do not support the plan to cover contaminated soil and sediment on Parcel B. We have real concerns about the viability of a cap of any materials that would be able to withstand infrastructure development on Parcel B, accidental puncturing during construction on the site, and/or earthquake of the magnitude expected to hit the Bay Area in the next decade. In the last four years, we have seen numerous examples of shoddy construction work in Bayview Hunters Point that has exposed local residents to unsafe levels of dust containing asbestos. Currently, there are few institutional policies in place and no independent monitor outside of politically motivated agencies; as such, we cannot be assured that the work would be done in a responsible fashion that had, as its first priority, the protection of the health and safety of community residents. | Any breaching or alteration of the cover post-transfer will be conducted in compliance with the Covenant(s) to Restrict Use of the Property, Quitclaim Deed(s), and the Parcel B risk management plan, all of which will be reviewed and approved by the regulatory agencies. The remedy components (for example, covers) at Parcel B will be designed to withstand earthquakes in accordance with California state laws (California Code of Regulations Title 22 Section 66264.310[a][5]). In addition, the operation and maintenance plans for the covers will include provisions for repairs to follow an earthquake, also in accordance with state law (California Code of Regulations Title 22 Section 66264.310[b][1]). |
| 5                     | There is extensive documentation that prefers permanent cleanup as opposed to a cap. For example, according to Report 4 of the Council on Science and Public Health: Expansion of Hazardous Waste Landfills Over Aquifers, "No liner can be expected to remain impervious forever. As a result of interactions with waste, environmental effects, installation problems, and operating practices, liners eventually may degrade, tear, or crack and allow liquids to migrate out of the unit...These technologies (double liners and leachate collection systems) may not effectively reduce the longer-term risk for landfills, especially for persistent and mobile compounds, because the containment system may only delay leachate release from the landfill until after post-closure, when the cap and leachate collection system begin to fail."                                       | There are no landfills present on Parcel B and no leachate requiring collection. The soil cover is not intended to function as a liner or to prevent the movement of liquids and, therefore, will not be subject to the issues described in the comment. Soil covers, together with appropriate controls to protect their integrity, will provide a permanent and protective remedy for exposure to contaminants in soil at Parcel B. The cover will act to physically eliminate exposure to soil and prevent risk.                                                                                                                                                                                                           |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

**Written Comments by People Organized to Win Employment Rights (POWER) received by mail on August 4, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6                     | There are widespread concerns throughout the community that the alternative involving merely excavating some parts of the Parcel and placing a cover over other areas does not take into account the very real possibility that there will be a major earthquake in this area within the next 10 to 30 years. Those who live near the Shipyard, as well as those who live in the community surrounding the Shipyard, are concerned that a concrete cap will not withstand the magnitude earthquake that the Bay Area is preparing for. Additionally, without specific details as to the "durable" type of material outlined in the Amended ROD, there is little faith that any material placed on top of a landfill (which is prone to liquefaction) can withstand the force of an earthquake. | The remedy components (for example, covers) at Parcel B will be designed to withstand earthquakes in accordance with California state laws (California Code of Regulations Title 22 Section 66264.310[a][5]). In addition, the operation and maintenance plans for the covers will include provisions for repairs to follow an earthquake, also in accordance with state law (California Code of Regulations Title 22 Section 66264.310[b][1]).           |
| 7                     | Additionally, the Environmental Protection Agency states, "The longer one wishes to contain waste, the more difficult the task becomes. Synthetic liners and caps will degrade; soil liners and caps may erode and crack...EPA is not aware of any field data showing successful long-term containment of waste facilities which have not been maintained over time (Federal Register, May 26, 1981, pgs. 28314-28328)."                                                                                                                                                                                                                                                                                                                                                                       | Soil covers, together with appropriate controls to protect their integrity, will provide a permanent and protective remedy for exposure to contaminants in soil at Parcel B. The protectiveness of the remedy will be evaluated at least every 5 years to ensure it remains protective. Future 5-year reviews will address changes in site conditions and recommend modifications to the remedy if necessary to protect human health and the environment. |

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**Written Comments by People Organized to Win Employment Rights (POWER) received by mail on August 4, 2008**

| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| 8                     | In general, we are also concerned that the Amended ROD and its proposed alternatives are a mechanism with which to fast track development on a site where there are valid and serious concerns about the feasibility of safe residential habitation. While we are not opposed to development in Bayview Hunters Point and are advocates for development that benefits the local community, we cannot, in good faith, support an Amended ROD that seemingly contradicts the Navy's own findings in relationship to the viability of safe habitation. Additionally, the Amended ROD proposes to restrict contact with the soil and groundwater through institutional controls (ICs) and other types of controls. We are concerned about the actual viability of safe human use without increased risk of cancer and other illnesses related to exposure to radiation and other harmful toxic substances. In a community where more than 50 percent of residents are afflicted with asthma or another respiratory illness, and where the leading cause of death is some form of cancer, we cannot risk yet another generation to be afflicted by the same risks. | The Navy works together with the regulatory agencies during each step to complete the remediation of Parcel B according to all applicable laws to protect human health and the environment. The Navy develops schedules for remediation in coordination with both the regulatory agencies and the public (through the RAB). The schedule for transfer of Parcel B will not affect the completeness or effectiveness of the remediation.                                                                                                                                                                                           |
| 9                     | The Navy's plan to transport excavated soil considered unsafe for human health and ecological receptors does not detail where the soil and sediment will be taken. The description of the alternative mentions that the soil and sediment, as well as contaminated pipes and materials will be taken out of the Bayview Hunters Point community and brought to a radiological waste facility off site; however, as residents of Bayview Hunters Point, we are all too familiar with the fact that surrounding those facilities are often low-income and working class communities. As an organization that fights for the health and safety of working class, low-income communities of color, we do not support the relocation of materials containing harmful substances, and any plan to transport contaminated materials to another facility off site should be accompanied by a description of where the contaminated materials will be taken, and a demographic accounting of the surrounding community.                                                                                                                                                | Some wastes removed from Parcel B must be disposed of at facilities that are not located in California because adequate facilities do not exist in the state. For instance, the State of California does not allow disposal of low-level radioactive waste within the boundaries of the state. Therefore, all waste containing radioactive material must be disposed of elsewhere. Low-level radioactive waste will be disposed of at the EnergySolutions Operations facility located in Clive, Utah. This facility is located about 80 miles west of Salt Lake City in a remote, arid environment with no surrounding community. |

**Amended Proposed Plan for Parcel B, Hunters Point Shipyard**

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| <b>Comment Number</b> | <b>Comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| 10                    | Additionally, the Amended ROD should include a negotiated agreement with the community as to who takes responsibility if (and when) the cap breaks and places the health and safety of workers and community members at risk. Community members also deserve to receive a full accounting of the timeline under which this work may take place.                                                                                                                                                                                                                                                                                                                                                                              | The Navy maintains active contact with the public through the RAB and through direct contact by telephone, email, facsimile, and regular mail. The RAB will remain in place as long as the Navy owns the property at Hunters Point. The RAB would be discontinued after the Navy's ownership ends. However, Navy staff would still be available by the same direct contact methods. Other oversight mechanisms available include the Community Advisory Committee provided through the San Francisco Redevelopment Agency. In addition, citizens can contact local elected officials and regulatory agencies to express any concerns about oversight.             |
| 11                    | Finally, before the Amended ROD is implemented, the community should be allowed to participate in a democratic process whereby it is they who choose the type of materials to be used in any cap. Surely there are varying materials that are used for covers, and some are likely better than others. Community members should be allowed to participate in the process of choosing which material works best and feels safest for them, and should be allowed to reject the Amended ROD if the materials proposed do not meet the health and safety standards deemed necessary.                                                                                                                                            | Materials used during remediation, including the cover material, will be selected during the remedial design phase of the project and will not be identified in the amended ROD. Cover materials will be selected to be robust and persistent over time, in accordance with state and federal laws. Community members may comment on the cover materials selected in the remedial design by participating in the RAB or reviewing the design documents directly and providing comments to the Navy. The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the federal and state regulatory agencies. |
| 12                    | In 2000, San Francisco voters overwhelmingly voted in favor of Proposition P, which was a resolution calling on the Navy to clean the Shipyard to residential standards, so that future generations might benefit from a renewed area of land that was decimated by the Navy. We feel that the proposed amendments to the 1997 ROD do not adequately reflect a plan that protects the health and safety of community members, because they do not adequately detail the ways in which the Navy plans to ensure the full remediation of a site that was decimated by them nearly 40 years ago. Residents in Bayview Hunters Point have waited a long time to see full remediation happen, and deserve nothing less than that. | The goal of the remedial action at Parcel B is to protect human health and the environment to the standards set by the regulatory agencies. Cleanup goals consider the expected future land use so not all areas will be remediated to residential levels. For example, areas that will become open space will be remediated to standards that consider recreational use. Nevertheless, all of Parcel B will be covered to protect all users from exposure to the surface soil.                                                                                                                                                                                   |